

ERA CALLS 2021 - 2022

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CZ-SK informační den k výzvám ERA
15. 6. 2021



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HORIZON-WIDERA- 2021-ERA-01-20

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Europe-wide training and
networking scheme
for research managers



EUROPE-WIDE TRAINING AND NETWORKING SCHEME FOR RESEARCH MANAGERS (RMs) 1

EXPECTED OUTCOMES

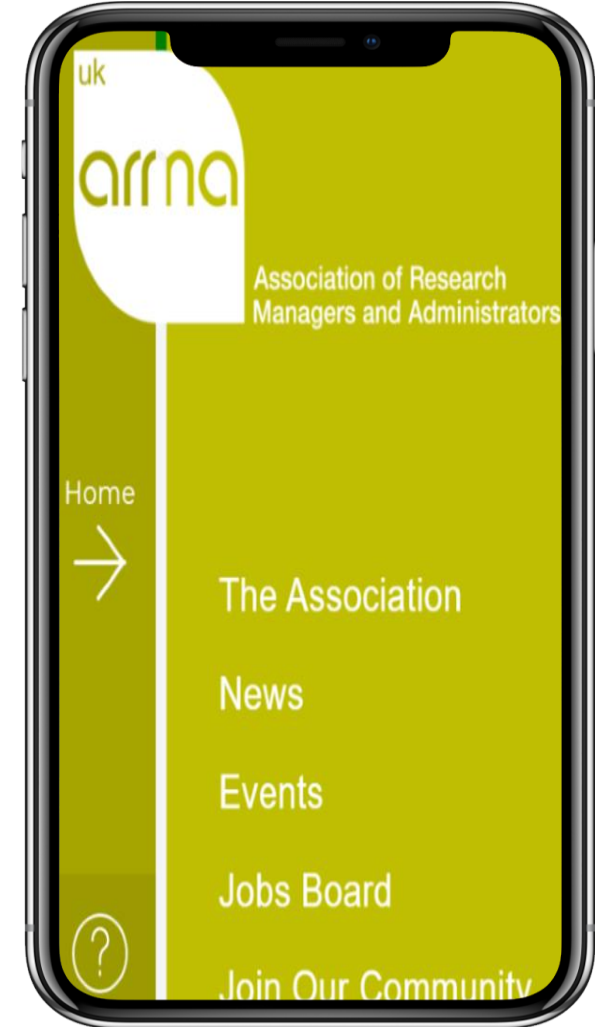
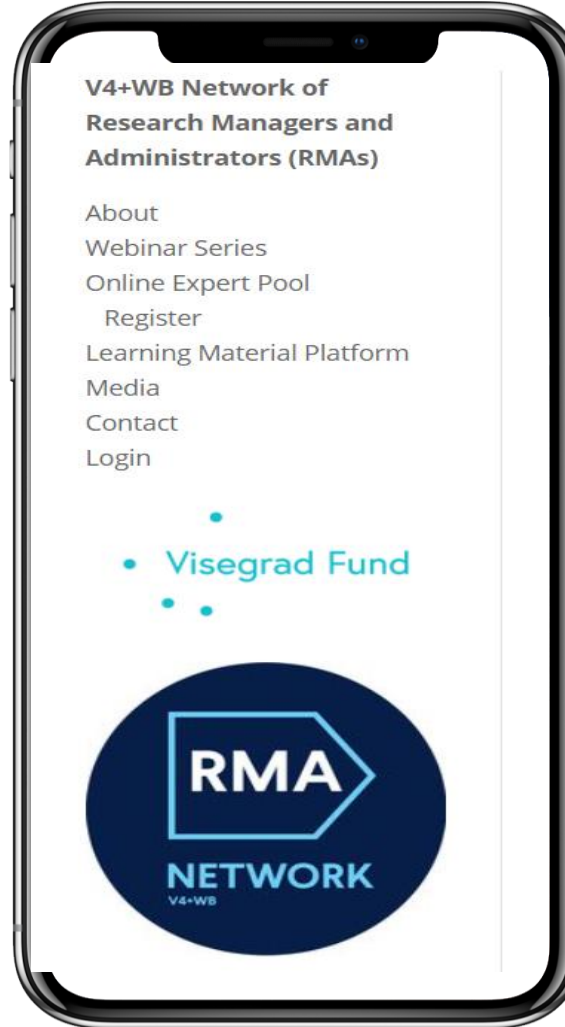
- Improved knowledge for policy making about the training and networking patterns of research support staff and research management (RMt)
- Measures to increase awareness amongst RMt staff about existing training, networking and mobility opportunities at EU, national and regional levels
- Increased capacity and compatibility of cooperation and funding systems throughout the ERA for RMt and support to scientists
- Improved awareness of the EU policy drivers and the EU research peculiarity in the HEI and ROs
- Preparation of the establishment of central hub(s) to provide the EU research system with the most appropriate “fit for purpose” skills in EU RMt **with active involvement of entities located in Widening countries**
- Providing recommendations for facilitating a clear career path for RMs at national and EU levels, enhancing their role towards the achievement of the new ERA objectives, including those addressed in the related Council Conclusions on the New ERA (13567/20)

EUROPE-WIDE TRAINING AND NETWORKING SCHEME FOR RESEARCH MANAGERS (RMs) 2

SCOPE

- Various types of RMt: research policy advisers, research managers, financial support staff, data stewards, research infrastructure operators, knowledge transfer officers, business developers, knowledge brokers, innovation managers, etc.
- Entities and regions who are proven strong and excellent hubs in knowledge creation and innovation usually rely on a strong population of RMs
- Need to address a wide scope of activities, such as trainings, study visits, staff exchange, internships, exchange of good practices, development of guidelines for new RMs and policy recommendations on how to deliver on RMt under the new ERA
- Explore the possibility to create new training paths dedicated to research support/management staff, or to optimise integration of existing recognised institutional training and certification programmes for RMs

EXAMPLES OF EXISTING RMAs NETWORKS



EUROPE-WIDE TRAINING AND NETWORKING SCHEME FOR RESEARCH MANAGERS (RMs) 3

SCOPE

- Improve training and skills development of RMt staff
- Develop better RMt capacity and guidance for researchers across ERA
- Pave the way towards institutional acknowledgement of the RMt profession
- Map and analyse the EU landscape of RMt and the financial framework to support it
- Piloting a European network for RMs, including research infrastructures managers

OVERVIEW

- HORIZON-WIDERA-2021-ERA-01-20
- Opening: 22 June 2021
- Deadline: 23 September 2021
- Overall indicative budget: M€ 3
- Budget per project: M€ 1,5
- Project duration: non specified
- Project type: CSA
- Expected no. of projects: 2

HORIZON-WIDERA- 2021-ERA-01-30

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Implementation of a new
macro-economic modelling
concept



IMPLEMENTATION OF A NEW MACRO-ECONOMIC MODELLING CONCEPT 1

EXPECTED OUTCOMES

- Better integration of research and innovation activities in macro-economic models, leading to better measurement of their impact and a better understanding of the channels through which research and innovation lead to impact (direct and indirect) in Europe
- Improved macro-economic modelling for the evaluation of R&I policy, at the different levels of policy intervention (EU, national, regional), and reinforced alignment between the development of models and policy use, for example in the context of assessing policy options
- Reinforcement of the scientific community focused on the role of research and innovation in the EU economy based on macro-economic models and increased interactions between this community and policy makers in charge of R&I policy in Europe

IMPLEMENTATION OF A NEW MACRO-ECONOMIC MODELLING CONCEPT 2

SCOPE

- Operationalisation of the recommendations of the “Expert Group to advise on further development of the macro-economic modelling agenda”:
 - run during the period 2019-2020
 - [final report](#) of the Group in August 2020
- Action will implement a renovated macro-economic modelling concept to improve the treatment of R&I and R&I policies in macroeconomic models, by developing a modelling framework consistent with the most recent empirical evidence and the theoretical state of the art



IMPLEMENTATION OF A NEW MACRO-ECONOMIC MODELLING CONCEPT 3

EXPERT GROUP SUGGESTIONS TO EC

- Provide grants for excellent research at the knowledge frontier of macroeconomic models as well research into new models
- Procure research into further developments of currently used models to improve the modelling of R&I policy evaluation
- Full transparency should be a condition (a full description of the model, code and dataset should be open access)
- Improve provision of common data inputs to macro-models, most notably data on innovation policies
- Provide a platform for macro-models where research results and best practices can be exchanged, databases can be shared and inspire research on new models
- Regularly bring together producers and users of macro-models, improving the transparency and user friendliness

OVERVIEW

- HORIZON-WIDERA-2021-ERA-01-30
- Opening: 22 June 2021
- Deadline: 23 September 2021
- Overall indicative budget: M€ 1
- Budget per project: M€ 1
- Project duration: non specified
- Project type: RIA
- Expected no. of projects: 1

HORIZON-WIDERA- 2021-ERA-01-90

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Challenges of research ethics
and integrity in response
to crisis: coronavirus
pandemic and beyond



CHALLENGES OF RESEARCH ETHICS AND INTEGRITY IN RESPONSE TO CRISIS: THE CORONAVIRUS PANDEMIC AND BEYOND 1

EXPECTED OUTCOMES

- Crises, and in particular health related ones, have become a dramatic reality for the EU and globally since the beginning of the coronavirus pandemic
- Attention focuses on scientific knowledge, as it is a key element to address the urgency of the situation in an effective way and improve preparedness for the future
- Extremely heavy human, social, cultural and economic consequences associated with the time pressure sets exceptional conditions calling for an adaptation of the way and procedures to work, decide and prioritise which inevitably raises associated ethical questions
- Some research topics have an intrinsically complex ethics dimension, for example research on the imposing of protection measures, health care prioritization, consequences for family life, and gender impacts on health
- Expected to propose an operational ethics and integrity framework, which preserves the key ethics principles while supporting a rapid and effective response to a crisis and improving overall preparedness

CHALLENGES OF RESEARCH ETHICS AND INTEGRITY IN RESPONSE TO CRISIS: THE CORONAVIRUS PANDEMIC AND BEYOND 2

SCOPE

- First priority is to
 - analyse what characterises, from an ethics perspective, a crisis of a global, sudden and unexpected nature of the type of the Covid-19 pandemic
 - isolate what are the related ethics and integrity challenges as regards the production, sharing and use of scientific knowledge and data in designing and implementing responses as well as in anticipating future global urgencies
- Based on this analysis, the action should draw the lessons and examine how to adapt processes followed under normal conditions (e.g. for informed consent, regulatory approvals etc.)
- Need to cover
 - ethics of the scientific work on public health measures (such as behavioural studies, communication strategies, gender impacts on health), including those aiming at an increased preparedness
 - emerging ethics issues related to new concepts like “immunisation certification” that are at the centre of vivid debates involving fundamental values



CHALLENGES OF RESEARCH ETHICS AND INTEGRITY IN RESPONSE TO CRISIS: THE CORONAVIRUS PANDEMIC AND BEYOND 3

EXPECTED RESULTS

- A. Identification of policy options at EU level (including those to address possible legislation gaps) and practical ways to support the work of relevant stakeholders notably the ethics committees and integrity bodies
- B. Operational (“how-to”) guidelines to support the work of research teams
- C. Proposal for short documents complementing the Code should be made, focusing for example on fast track processes (ethics review, publication etc.)
- D. Production of traditional and online training material for students, early career and experienced researchers (include case studies in order to facilitate practical learning)
- E. All outputs of the action must be made available on the [e-platform Embassy of Good Science](#); where relevant the [EU Digital education plan](#) should be taken into account



CHALLENGES OF RESEARCH ETHICS AND INTEGRITY IN RESPONSE TO CRISIS: THE CORONAVIRUS PANDEMIC AND BEYOND 4

SPECIFIC CONDITIONS

- **Eligibility conditions – exceptions:**
 - Legal entities established in non-associated third countries may exceptionally participate
 - In addition to the minimum number of participants, proposals must include at least 2 participants from China, Korea and/or African countries non-associated to HE
 - Participants from countries not eligible for funding may take part as associated partners
- **L&F set-up of the Grant Agreements - additional dissemination obligations:**
- structured cooperation with
 - e-platform Embassy of Good Science
 - European Networks [ENERI](#) (EN of Research Ethics Committees and Research Integrity Offices) and [ENRIO](#) (EN of Research Integrity Offices)

OVERVIEW

- HORIZON-WIDERA-2021-ERA-01-90
- Opening: 22 June 2021
- Deadline: 23 September 2021
- Overall indicative budget: M€ 4,5
- Budget per project: M€ 4,5
- Project duration: non specified
- Project type: CSA
- Expected no. of projects: 1

HORIZON-WIDERA- 2021-ERA-01-91

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Ensuring reliability and trust in
quality of Research Ethics
expertise in the context of
new/emerging technologies



ENSURING RELIABILITY AND TRUST IN QUALITY OF RESEARCH ETHICS EXPERTISE IN THE CONTEXT OF NEW/EMERGING TECHNOLOGIES 1

EXPECTED OUTCOMES

- The action proposed should address the following issues in mobilising the research ethics community and develop the necessary education, awareness and training actions as well as propose possible adaptation of the ethics review process:
 - Ensuring the adherence to the highest standards of research ethics
 - Need for ethics rigour (pillar of public trust in the scientific endeavour) is essential
 - Compliance of research activities with the relevant legislations and ethics principles
 - Necessary involvement of ethics experts providing an opinion / approval as an ethics committee/panel (these experts, including early career researchers, come from all disciplines in science, from the public and private sector, as well as from citizens' associations and NGOs)
 - Technological transformations should go hand in hand with the protection and promotion of fundamental rights

ENSURING RELIABILITY AND TRUST IN QUALITY OF RESEARCH ETHICS EXPERTISE IN THE CONTEXT OF NEW/EMERGING TECHNOLOGIES 2

SCOPE

- Identify the main ethics challenges resulting from new and emerging technologies and from research activities involving those new technologies
- Analyse case studies, including from non-EU countries where relevant research activities take place
- Develop education, awareness actions and practice-oriented trainings for research ethics experts and identify good practices
- Where relevant, the EU Digital Education Action Plan should be taken into account
- Take into account the results from action should be based on the results coming from projects SIENNA, PANELFIT, SHERPA, I-CONSENT, ENERI and TRUST and others (on [CORDIS](#))
- For the ongoing projects, cooperation and synergies should be established, via a dedicated horizontal coordination work package
- Foresee the training of the 250-300 Horizon Europe ethics appraisal scheme experts
- Valorise the work produced beyond the community of ethics and integrity experts, especially by promoting its use for the students and young researchers
- Cooperate with large university/research networks ([EUA](#), [YERUN](#), [LERU](#), [CESAER](#), [EARMA](#) etc.)

ENSURING RELIABILITY AND TRUST IN QUALITY OF RESEARCH ETHICS EXPERTISE IN THE CONTEXT OF NEW/EMERGING TECHNOLOGIES 3

SPECIFIC CONDITIONS

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ERA CALLS 2022

OPENING: 19 JANUARY 2022

DEADLINE: 20 APRIL 2022

	Type of Action	EU contribution per project (M€)	Call Budget (M€)	Expected no. of projects
HORIZON-WIDERA-2022-ERA-01-51 Acceleration Services in support of the institutional transformation of Higher Education Institutions	CSA	10.50	10.50	1
HORIZON-WIDERA-2022-ERA-01-91 The empirical and behavioural approach to research ethics and integrity	CSA	3.00	3.00	1
HORIZON-WIDERA-2022-ERA-01-30 Testing of the ERA Hub concept – pilot phase	CSA	1.50	3.00	2
HORIZON-WIDERA-2022-ERA-01-50 Developing an effective ERA talent pipeline	CSA	1.50 - 2.00	3.00	2



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OTHER ACTIONS NOT SUBJECT TO CALLS (M€ 217,75)

GRANT TO IDENTIFIED BENEFICIARIES

M€ 175,85

1. Support the Slovenian Presidency for the organization of an ERA Conference
2. Support to RESAVER Pension Fund
3. ERA Talent Platform
4. The EuroScience Open Forum (ESOF) and European City of Science 2022 actions
5. European Union Contest for Young Scientists (EUCYS) 2022
6. EU Gender Equality Competence Facility
7. Science Advice for Policy by European Academies
8. NCP Network including proposal pre-check
9. Framework Partnership Agreement with COST
10. Implementation of COST actions - Specific Grant under FPA
11. Presidency conferences with a European regional dimension - WIRE

OTHER ACTIONS NOT SUBJECT TO CALLS (M€ 217,75)

PRIZES

M€ 0,7

1. EU Award for (Academic) Gender Equality Champions (4 Recognition prizes, M€ 0,1 each, 1Q/2022)
2. Horizon impact award (12 Recognition prizes in 2 years. M€ 0,025 each, 4Q/2021, 2Q/2022)

EXPERT CONTRACT ACTIONS

M€ 4,1

1. External expertise for monitoring of Widening and ERA actions
2. Monitoring experts for Horizon 2020 legacy
3. Use of individual experts in support of the new ERA's objectives
4. EC expert group on the impact of the COVID-19 on gender equality in EU R&I
5. External expertise for ad hoc tasks related to the implementation of Horizon Europe Ethics Appraisal scheme
6. Use of individual expert(s) on ad hoc tasks related to the implementation of the European Valorisation policy

OTHER ACTIONS NOT SUBJECT TO CALLS (M€ 217,75)

PUBLIC PROCUREMENT

M€ 37,1

1. EU data for R&I policy
2. Development of the European Innovation Scoreboard
3. Overview of regulatory sandboxes and innovation-enabling approaches to regulation
4. Support for policy makers – Horizontal support to the Strategic Coordinating Process for partnerships
5. Implementation of Workshop series with industry and other stakeholders as well with MS to prepare ERA industrial technology roadmaps
6. Implementation of the Horizon Policy Support Facility
7. ERA Talent Platform – the international dimension
8. Observatory on Knowledge Ecosystems and Research Careers
9. Development of the ERA Talent Platform: website, proof of concept, online services, design, maintenance, communication
10. Technical support to Retirement Savings Vehicle for European Research Institutions and research performing individuals (RESAVER)
11. Monitoring and evaluating the H2020 complementary support for the European Universities initiative
12. Studies and communication
13. Study on the link between research careers and the Framework Programmes
14. Monitoring gender equality in Research and Innovation - Development, implementation and dissemination of indicators (She Figures)
15. Service Facility in Support of the Strategic Development of International Cooperation in Research and Innovation

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INFORMATION SOURCES - ERA

EC ERA dedicated website



https://ec.europa.eu/info/research-and-innovation/strategy/era_en

New ERA – Press Release (in Czech)



https://ec.europa.eu/commission/presscorner/detail/cs/IP_20_1749

EC Communication on New ERA for R&I (September 2020) - all languages



<https://eur-lex.europa.eu/legal-content/EN/TXT/?uri=COM:2020:628:FIN>

ERA Common industrial roadmaps



<https://op.europa.eu/en/web/eu-law-and-publications/publication-detail/-/publication/17736205-7654-11eb-9ac9-01aa75ed71a1>

INFORMATION SOURCES – ERA AND OTHERS

Towards a 2030 vision on the future of universities in Europe



<https://op.europa.eu/en/publication-detail/-/publication/a3cde934-12a0-11eb-9a54-01aa75ed71a1/>

Gender equality



<https://op.europa.eu/en/web/eu-law-and-publications/publication-detail/-/publication/c0b30b4b-6ce2-11eb-aeb5-01aa75ed71a1>

Council Conclusions on the New European Research Area of 1 December 2020



<https://data.consilium.europa.eu/doc/document/ST-13567-2020-INIT/en/pdf>

Závěry Rady o novém Evropském výzkumném prostoru z 1. 12. 2020



<https://data.consilium.europa.eu/doc/document/ST-13567-2020-INIT/cs/pdf>



OTÁZKY?

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