2024 ERA call

HORIZON-WIDERA-2024-ERA-01-12:
Next generation AI and Human Behaviour: promoting an ethical approach

KARATZAS Isidoros
KRITIKOS Mihalis
RTD.02 Research Ethics & Integrity

HORIZON-WIDERA-2024-ERA-01-12:
Next generation AI and Human Behaviour: promoting an ethical approach

Promote a responsible, trustworthy, and human-centric design and development of the next generation of artificial intelligence (AI).

Expected outcomes

- The operationalisation of available general guidance on the ethics of AI into practical specific guidelines on human cognition and behaviour.

- The guidelines must address the ethics dimension of the study of human behaviour and cognition in developing and improving AI systems.

- The guidelines should incorporate ethics into the relevant research and development processes and take into account strategies for ensuring adequate participation of all those affected by the development, deployment and use of the relevant applications;

- Develop and validate education and training material reflecting the produced guidelines. This should be based on participatory processes involving all relevant stakeholders, including citizen groups and industry

Call Opening: 6 Dec 2023

Call Closure: 12 Mar 2024

ERA Policy Agenda action no: horizontal

Type of Action: CSA

Budget: EUR Million 3

Indicative number of projects: 1

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HORIZON-WIDERA-2024-ERA-01-12:
Next generation AI and Human Behaviour: promoting an ethical approach

Scope

- Review the current ethics landscape to understand the ethical challenges (1) associated with the study of human behaviour and cognition to support the development or improve AI systems and (2) related to the impact of AI on human cognition and behaviour;

- Develop operational guidelines for AI systems that build on the study of human cognition and behavior in collaboration with the networks of experts, and based on findings and case-studies;

- Develop a toolbox for international cooperation in AI research and development in the relevant areas, taking into account the regulatory and ethical landscape in key strategic partners (for example China, the Republic of Korea, Japan, Canada and the US);

- Incorporate principles of benefit sharing in AI research and development in accordance with the Global Code of Conduct for Research in Resource-Poor Settings (TRUST Code);

- Produce innovative training material (reflecting the guidelines), early career and experienced researchers.

HORIZON-WIDERA-2024-ERA-01-07:
Capacity building on intellectual property (IP)
management to support open science

EGGER BECK Bertil
RTD.A.4 Open Science and
Research Infrastructures

HORIZON-WIDERA-2024-ERA-01-07:
Capacity building on intellectual property (IP) management to support open science

This action aims to increase the understanding amongst the research community of IP assets and their role as enablers of open science

Expected outcomes

- Analysis of how adequate IP management enables and boosts open science and how IP management and open science are complementary in achieving a better dissemination and valorisation of knowledge

- Providing specific training materials, modules or courses on IP assets and open science, and delivering high-quality training to the trainers and support to them in acting as multipliers

- Gathering experiences and sharing good practices for the further development of courses on the topic

- Awareness-raising campaign on how an adequate IP management enables and fosters open science.

Call Opening: 6 Dec 2023

Call Closure: 12 Mar 2024

ERA Policy Agenda action no: 2

Type of Action: CSA

Budget: EUR 2 million

Indicative number of projects: 1

Expected duration: Max. 24 months

Other conditions: Early and open sharing – under open licenses - of the outputs resulting from the activities is required.

HORIZON-WIDERA-2024-ERA-01-07:
Capacity building on intellectual property (IP) management to support open science

Scope

- Improving the understanding of the relationship between open science and IP - In particular how an adequate management of IP lies at the core of open science

- Greater awareness of researchers´ IP rights and how they can be exercised to allow them to comply with funder open access mandates

- Supporting education and training in IP management that enables open science

- Capacity building in research organisations and their staff with the objective to support and equip researchers at all stages of their career with the knowledge they need in this area

- Projects are expected to consider the existing IP service delivery landscape and the training materials offered by European Commission service contracts as well as the work of EUIPO on copyright and trademarks and EPO´s work on patents.

HORIZON-WIDERA-2024-ERA-01-08:
Global cooperation in not-for-profit open access publishing

Victoria TSOUKALA
RTD.A.4 Open Science and
Research Infrastructures

HORIZON-WIDERA-2024-ERA-01-08:
Global cooperation in not-for-profit open access publishing

A topic to address some inequalities in the everyday practice of research and science: despite the rise of not-for-profit open access publishing solutions, as alternatives to commercially-oriented publishing, some appear not robust enough or reliable.

Expected outcomes

- Coordination of institutional, not-for-profit open access publishing services, between Europe and other areas in the world, at the non-technological level;

- Improvement and implementation of good practices, and training of service providers and scientific journal editors to improve both the quality of their publishing services, and the scientific quality of their publishing venues;

- Knowledge transfer between relevant not-for-profit open access publishing services – among European and other areas in the world;

- Reinforcement of bridges between the EU and other areas of the world to support equity in open access and help empower academics and not-for-profit solutions.

Call Opening: 6 Dec 2023

Call Closure: 12 Mar 2024

ERA Policy Agenda action no: 1

Type of Action: CSA

Budget: EUR Million 2.5

Indicative number of projects: 1

Expected duration: max 36 months

Legal entities established in non-associated third countries may participate & receive Union funding

HORIZON-WIDERA-2024-ERA-01-08:
Global cooperation in not-for-profit open access publishing

Scope

- Help address the many inequalities that Open Science and open access policies have inherited from the everyday practice of research and science: socio-economic background, gender, ethnicity…

- Gather, share, improve and implement good practices in existing not-for-profit open access publishing venues – possibly with training material and/or virtual trainings, so that they can be trusted by researchers across countries and disciplines;

- Focus on non-technological aspects only (i.e. business models, organization of editorial processes, peer review policies, translation…) since this topic is complementary to HORIZON-INFRA-2022-EOSC-01-02 *Improving and coordinating technical infrastructure for institutional open access publishing across Europe* and HORIZON-WIDERA-2021-ERA-01-43 *Capacity-building for institutional open access publishing across Europe* (DIAMAS);

- Budget-consciousness: because of the world-wide dimension, most of the activities of the actions to take place online.

HORIZON-WIDERA-2024-ERA-01-03:
Support for the professionalisation of research
management

DELAURÉ Stijn
RTD.A.2.002 - Researchers and
Research Careers

HORIZON-WIDERA-2024-ERA-01-03:
Support for the professionalisation of research management

Contribute to improve the European R&I system across the entire ERA by strengthening the capacity for research management in EU's public research performing and research funding organisations

Expected outcomes

- Involvement of a **large number of public RPOs and RFOs** and their research management staff in training and networking programmes for research managers

- **Improved accessibility** to such programmes for research management staff from regions of lower R&I intensity;

- Improved training, skills and career development of research management staff in the participating organisations;

- Further **professionalisation**, such as through certification of training programmes;

- **Increased awareness and recognition** of the research management profession in Member States, and the important role of research managers across the ERA.

Call Opening: 6 Dec 2023

Call Closure: 12 Mar 2024

ERA Policy Agenda action no: 17

Type of Action: CSA

Budget: EUR 1.0 million

Indicative number of projects: 1

Expected duration: 2-5y

12

HORIZON-WIDERA-2024-ERA-01-03:
Support for the professionalisation of research management

Contribute to improve the European R&I system across the entire ERA by strengthening the capacity for research management in EU's public research performing and research funding organisations

Background on ERA Action 17

Policy Agenda 2022-2024: *"Enhance the strategic capacity of Europe's public research performing and funding organisations"*

Objectives: increase research support and management capacity across ERA

- RECOGNITION: contribute to professionalization of research management (multi-faceted)

- UPSKILLING: improve training and skills development opportunities of Research Managers

- NETWORKING: support networking of Research Managers and best practice exchange

- CAPACITY BUILDING: reinforce research management capacity across the entire ERA, notably supporting organisations in regions of lower R&I intensity

HORIZON-WIDERA-2024-ERA-01-03:
Support for the professionalisation of research management

Scope

- Aim: further develop and implement a methodology to identify, train and **'professionalise' individuals** who are essential support for the 'research enterprise'
    - Research management to be regarded as multi-dimensional

- Develop **solutions to challenges** of research management:
    - Need for practice exchange between early career & experienced research managers
    - Need for continuous upskilling, EU-level research management learning and training
    - Need to increase recognition of the profession and careers
    - Uneven distribution of research management capacity across the ERA

- In particular, develop or consolidate:
    - Support for flexible and diverse research management **careers**
    - Sustainable EU-level **training programmes**, virtual and/or physical
    - A road to certification or accreditation, thereby improve **awareness and recognition**
    - **Accessibility** to initiatives for staff from entities from lower R&I intensity

**IMPORTANT**: complementarity with ongoing projects **CARDEA** & **RM ROADMAP**

HORIZON-WIDERA-2024-ERA-01-04:
Strengthening researchers' skills for better careers –
leveraging the European Competence Framework for
Researchers

CAPEZZUTO Dario
RTD.A.2.002 - Researchers and
Research Careers

HORIZON-WIDERA-2024-ERA-01-04:
Strengthening researchers' skills for better careers – leveraging the European Competence Framework for Researchers

Researchers are highly skilled, but often not adequately trained in transversal skills that can allow to seize opportunities in the broader labour market, including industry, business, or the creation of own start-ups. This action aims to foster transversal skills for researchers, including by implementing the European Competence Framework for Researchers (ResearchComp) and in cooperation with labour market actors.

Expected outcomes

- Researchers at all career stages equipped with transversal skills based on **ResearchComp**, to foster more open and inter-sectoral research careers, and a better recognition of the researcher profession;

- Exchange of best practices between HEIs, research institutions, and other training providers for the improvement of research and transversal skills training;

- Better meeting of **labour market demands** with jointly developed training programmes;

- Contribution to certification of micro-credentials;

- Improved communication of science to the public.

Call Opening: 6 Dec 2023

Call Closure: 12 Mar 2024

ERA Policy Agenda action no: 4

Type of Action: CSA

Budget: EUR Million 0.5

Indicative number of projects: 1

Expected duration: 2-5y

HORIZON-WIDERA-2024-ERA-01-04: Strengthening researchers' skills for better careers – leveraging the European Competence Framework for Researchers

European Competence Framework for Researchers (ResearchComp)

HORIZON-WIDERA-2024-ERA-01-04:
Strengthening researchers' skills for better careers – leveraging the European Competence Framework for Researchers

- Important **policy background**:
  - Update of the European Skills, Competences and Occupations (**ESCO**) classification, including skills and occupations relevant for researchers the
  - European Competence Framework for Researchers (**ResearchComp**), including competences for a successful and interoperable career in academia and beyond

Scope

- Projects are expected to **contribute to**:
  - The **uptake of ResearchComp** by public and private research performing organisations
  - Strategic interaction with innovation ecosystem actors, for better understanding of labour market skills needs, to close the gap between demand and supply
  - Exchange of best practices between HEIs and other training providers
  - More effective science communication, incl. to attract young talents to R&I jobs
  - Certification and recognition of targeted training opportunities (micro-credentials)

- **Activities** may include:
  - Roadmap development, networking, sector-specific training development, seed funding for training developers in academic sector or beyond, development and implementation of a ResearchComp-based self-assessment tool for researchers

HORIZON-WIDERA-2024-ERA-01-10: Policy coordination to support all aspects of inclusive Gender Equality Plans and policies in the ERA

Hana TENGLEROVA
RTD.D.4.001- Gender

European Commission

HORIZON-WIDERA-2024-ERA-01-10: Policy coordination to support all aspects of inclusive Gender Equality Plans and policies in the ERA

Develop a sustainable network of national representatives from MS and AC, from national bodies and RFOs, to support the implementation of the gender equality and inclusiveness objectives of the ERA

Expected outcomes

- Advanced and sustainable policy coordination support on ERA objectives on gender equality and inclusiveness among MS and AC and through stakeholder and citizen engagement;

- Improved career paths and working conditions in European R&I organisations, including in the private sector, through enhanced policy dialogue on inclusive gender equality plans and policies;

- Increased research quality, societal responsibility and relevance of knowledge and innovations, through the integration of the gender and intersectional dimension in R&I content;

- Increased geographical inclusiveness by targeting less experienced countries/regions in terms of inclusive gender equality policies in R&I;

- Increased inclusion of underrepresented and socially disadvantaged persons in European R&I, through an intersectional lens on gender equality plans and policies.

Call Opening: 6 Dec 2023

Call Closure: 12 Mar 2024

ERA Policy Agenda action nº 5

Type of Action: CSA

Budget: EUR Million 3.5

Indicative number of projects: 1

HORIZON-WIDERA-2024-ERA-01-10: Policy coordination to support all aspects of inclusive Gender Equality Plans and policies in the ERA

Scope

- Develop knowledge and build capacities, competences and expertise on the design, implementation, monitoring and evaluation of **inclusive gender equality plans and policies in R&I** with a variety of European and national stakeholders. Special consideration will be given to **mutual learning exercises**;

- Further the development of a **transnational Community of Practice of R&I funding organisations** for the promotion of an inclusive and gender-responsive culture change in R&I institutions across the EU;

- Specific focus placed on **developing joint activities with actors from the private, innovation and entrepreneurship sectors**, from across the EU;

- Develop various **innovative engagement activities**, connect citizens, experts and policy-makers, and contribute to policy making on inclusive gender equality in R&I at national and European administration level;

- Ensure **coordination with ERA-related official groups, such as the ERA Forum**, and in collaboration with the European Commission, in line with ERA objectives.

→ National representatives from at least 23 MS + from AC strongly encouraged
→ Cooperate with relevant ERA SHs and build on outputs from related Horizon projects

HORIZON-WIDERA-2024-ERA-01-11:
Support to the implementation of inclusive gender equality plans

Hana TENGLEROVA
RTD.D.4.001- Gender

HORIZON-WIDERA-2024-ERA-01-11:
Support to the implementation of inclusive gender equality plans

Peer support scheme to go beyond the minimum GEP requirements as defined in Horizon Europe eligibility criterion and implement inclusive GEPs and policies

Expected outcomes

- Enhance the reputation, attractiveness, inclusiveness and R&I excellence of less advanced organisations as a result of implementing inclusive gender equality plans;

- Transform R&I organisations to advance ERA policy objectives on gender equality and inclusiveness.

Call Opening: 6 Dec 2023

Call Closure: 12 Mar 2024

ERA Policy Agenda action n° 5

Type of Action: CSA

Budget: EUR Million 3

Indicative number of projects: 4

HORIZON-WIDERA-2024-ERA-01-11:
Support to the implementation of inclusive gender equality plans

Scope

- **Methods for exchanging and implementing good practices and materials, tailored to individual organisations' needs** for the development and monitoring of inclusive GEPs;

- **Support for reinforcing their networking** in the area of gender equality and inclusiveness, especially with already existing Communities of Practice;

- **Activities** such as on-site visits, on-site or virtual training; workshops; dissemination and outreach and capacity building activities;

- **Implementation of specific actions in the less advanced institutions** specifically addressing the **opening to intersectionality** and diversity, targeting other underrepresented or socially disadvantaged groups, and **including the integration of intersectional sex and gender analysis into R&I content**.

→ One organisation (HEI, RPO, Public Body) leading on gender equality and inclusiveness mentoring at least 3 less advanced organisations from widening countries

→ Partners revolving in a specific thematic area, or widening partners with similar national/regional background, for a better contextualisation

→ Build on knowledge and expertise from related Horizon projects

HORIZON-WIDERA-2024-ERA-01-09: Support to the development and implementation of policies and practices for reproducibility of scientific results

The aim of this action is to facilitate the development and implementation of policies and practices, by research performing organisations, research funding organisations, learned societies and publishers that enhance reproducibility of scientific results

Expected outcomes

- Facilitated development, implementation and monitoring of interventions in research organisations

- More collaboration, joint actions by stakeholders, and mutual learning, notably between national reproducibility networks

- Greater alignment of policies and reduction in disparities between research organisations and between countries

- Facilitated development and implementation of training programmes and awareness raising

Call Opening: 6 Dec 2023

Call Closure: 12 Mar 2024

ERA Policy Agenda action no: 1

Type of Action: CSA

Budget: EUR Million 2

Indicative number of projects: 1

Legal entities established in non-associated third countries may participate & receive Union funding.

HORIZON-WIDERA-2024-ERA-01-09: Support to the development and implementation of policies and practices for reproducibility of scientific results

Scope

- Support research organisations to develop and implement policies and interventions
- Support the mutual learning and dissemination of good practices between organisations across the European Union and beyond
- Coordinate efforts between stakeholders, notably between existing European national reproducibility networks; may facilitate the development of national networks in additional European countries
- Support the development of training materials and training programmes, the mutual learning and exchange of practices and tools, and awareness raising, for researchers, reviewers and research organisations
- Put in place mechanisms to monitor the effects of policies and practices implemented
- International cooperation encouraged, in particular with third countries active in the development of policies and initiatives on the reproducibility of research results
- ➤ Build on the research results and recommendations from projects selected under call topic HORIZON-WIDERA-2022-ERA-01-41 and other relevant projects and initiatives

HORIZON-WIDERA-2024-ERA-01-01:
Programme level collaboration between national R&I policy makers

NIEHOFF Joerg
RTD.A.2 - ERA, Spreading
Excellence and Research Careers

HORIZON-WIDERA-2024-ERA-01-01:
Programme level collaboration between national R&I policy makers

Complementary topic to the new approach for European Partnerships: possibility for MS, AC and civil society organisations to maintain existing and establish new collaborations on priorities of their choice.

Expected outcomes

- Identification of common research and innovation priorities at the level of national and regional R&I programmes, taking into account international developments, where relevant, leading to the development of coordinated R&I funding agendas;

- Implementation of multiannual joint calls, resulting in the funding of transnational collaborative R&I projects;

- Implementation of other joint activities supporting the market, regulatory or societal uptake of results;

- Contribution to participating states meeting Global Challenges, including relevant contribution to the SDGs.

Call is open 2024

**Call Opening / closure:
6 Dec 2023 / 12 March 2024**

ERA Policy Agenda action no: 10

Type of Action: CSA

Budget: EUR Million 6

Indicative number of projects: 3

HORIZON-WIDERA-2024-ERA-01-01:
Programme level collaboration between national R&I policy makers

Scope

- Maintain existing and establish new collaborations, hence continuing the spirit of the successful ERA-NET scheme, and extending it also to EU missions;

- Align national and regional research funding programmes on agreed priorities that are common to the countries participating in the action

- Pool the necessary resources from the participating national (or regional) research programmes and, where appropriate, leverage other resources to implement calls for proposals, **either within the context of this action or in possible follow-up actions**;

- Demonstrate potential impact at national, regional and transnational level – no overlaps with actions co-funded by the EU under Horizon 2020 or Horizon Europe;

- Duration appropriate to the ambition and complexity of the proposal.