



JRC in Horizon Europe

JRC's participation in indirect actions

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JRC. A2.Work Programme



#HorizonEU

HORIZON EUROPE

THE EU
RESEARCH &
INNOVATION
PROGRAMME 2021 – 27

This presentation is based on the political agreement of 11 December 2020 on the Horizon Europe. Information on some parts is pending revision.

19 March 2021

Research and
Innovation

HORIZON EUROPE

EURATOM

SPECIFIC PROGRAMME: EUROPEAN DEFENCE FUND

*Exclusive focus on
defence research
& development*

Research
actions

Development
actions

SPECIFIC PROGRAMME IMPLEMENTING HORIZON EUROPE & EIT*

Exclusive focus on civil applications



Pillar I EXCELLENT SCIENCE

European Research Council

Marie Skłodowska-Curie

Research Infrastructures



Pillar II GLOBAL CHALLENGES & EUROPEAN INDUSTRIAL COMPETITIVENESS

Clusters

- Health
- Culture, Creativity & Inclusive Society
- Civil Security for Society
- Digital, Industry & Space
- Climate, Energy & Mobility
- Food, Bioeconomy, Natural Resources, Agriculture & Environment

Joint Research Centre



Pillar III INNOVATIVE EUROPE

European Innovation
Council

European innovation
ecosystems

European Institute of
Innovation & Technology*

WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence

Reforming & Enhancing the European R&I system

Fusion

Fission

Joint
Research
Center

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

JRC participation in Horizon Europe - basic principles

- **JRC no longer takes part in competitive bidding** → strategic involvement in indirect actions.
- Where indicated in the WP, the Joint Research Centre may participate in actions → co-creation of HE WP.
- The JRC will fund its activities in collaborative project with consortia from its institutional budget (as a beneficiary requesting zero funding) → synergies with JRC's own WP.
- The JRC will be able to continue receiving grants for actions that are not implemented through calls for proposals.
- The JRC will not be part of any applying consortium, and will not take part in the preparation of proposals by any applicant → general annexes of HE

General Annexes of Horizon Europe

- *Where provided for in the specific call conditions, applicants may include in their proposals the possible contribution of the JRC but the JRC will not participate in the preparation and submission of the proposal.*
- *Applicants will indicate the contribution that the JRC could bring to the project based on the scope of the topic text.*
- *After the evaluation process, the JRC and the consortium selected for funding may come to an agreement on the specific terms of the participation of the JRC.*
- *If an agreement is found, the JRC would accede to the grant agreement as beneficiary requesting zero funding and would accede to the consortium as a member.*

Two scenarios for JRC's involvement in HE actions

1. JRC as a beneficiary requesting zero funding – *signing grant agreement*

2. JRC as a **non-beneficiary** – in situations when the JRC is not mentioned in the “eligibility” conditions – light form of collaboration (e.g. via collaboration agreement, membership in the scientific advisory board, etc.)

1. JRC as a beneficiary requesting zero funding

Extract from the Work Programme Text

HORIZON-CL6-2022-FARM2FORK-01-02: Socio-economics of pesticide use in agriculture

Specific conditions	
Expected EU contribution per project	The Commission estimates that an EU contribution of around EUR 6.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
Indicative budget	The total indicative budget for the topic is EUR 6.00 million.
Type of Action	Research and Innovation Actions
Eligibility conditions	<p>The conditions are described in General Annex B. The following exceptions apply:</p> <p>The Joint Research Centre (JRC) may participate as member of the consortium selected for funding.</p> <p>The following additional eligibility criteria apply: The proposals must use the multi-actor approach. See definition of the multi-actor approach in the introduction to this work programme part.</p>

2. JRC as a non-beneficiary

Examples of topics

CLUSTER 6

HORIZON-CL6-2021-CIRCBIO-01-05: Novel, non-plant biomass feedstocks for industrial applications

- Eligibility conditions – no mentioning of the JRC
- Scope:
 - ...Consider contributing data and results to the European Commission's Knowledge Centre for Bioeconomy hosted by the JRC.

CLUSTER 3

HORIZON-CL3-2021-FCT-01-07: Improved preparedness on attacks to public spaces

- Eligibility conditions – no mentioning of the JRC
- Scope:
 - ...The proposals are encouraged to use the expertise and the community of the Joint Research Centre to disseminate the developed VA solutions to the stakeholders and to adapt it for long-term use. The Joint Research Centre might also support with its simulation capabilities concerning blast and vehicle ramming.

Practically i – JRC as beneficiary

- the JRC may not participate in drafting the project proposal, but the applicants should envisage in their proposal the JRC's possible contribution based on the information provided under the scope of the topic text.
- If that information in the topic text is not sufficient, the applicant may search for additional information on the JRC's website (<https://ec.europa.eu/jrc/en>) or request specific information from the JRC (JRC-NCP-Network@ec.europa.eu and Michaela.Batorova@ec.europa.eu; Milan.Remac@ec.europa.eu)
- The JRC will need to assure that all the other applicants receive the same information (e.g. via the FAQs under the Funding and Tenders Portal).

Practically ii - JRC as beneficiary

- Once the proposal is selected for funding, only then the JRC and the winning consortia can enter to a deeper discussion on the specific terms of the JRC's participation in the project.
- If the agreement is found the JRC may accede to the grant agreement as the beneficiary requesting zero funding and can become a member of the consortia.

Practically – JRC as non-beneficiary

- In all those topics, in which the JRC is not mentioned in the topic's eligibility conditions the *JRC may collaborate* with the consortia selected for funding as a **non-beneficiary** (without participating in the grant agreement).
- One example of such collaboration is when the JRC would join the project's Scientific Advisory Board.
- The same provisions of not taking part in the preparation of proposals and not submitting the applications to the topic apply also in this situation.

QUESTIONS?

Thank you



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Horizon Europe Work programme

- Horizon Europe Regulation was adopted on 12 May 2021
- Horizon Europe Work Programme (WP) was adopted on 16 June 2021
- The first calls of the main HE WP opened on **22 June 2021**
- The EU Missions' WP was adopted on **15 December 2021**
- More info:
 - [ec_rtd_he-investing-to-shape-our-future.pdf \(europa.eu\)](#)
 - [Horizon Europe, the EU research and innovation programme \(2021-27\) - Publications Office of the EU \(europa.eu\)](#)

Topics for JRC's possible participation as beneficiary i

CLUSTER 1

HORIZON-HLTH-2022-STAYHLTH-01-05-two-stage: Prevention of obesity throughout the life course

HORIZON-HLTH-2022-ENVHLTH-04-01: Methods for assessing health-related costs of environmental stressors

HORIZON-HLTH-2021-DISEASE-04-07: Personalised medicine and infectious diseases: understanding the individual host response to viruses (e.g. SARS-CoV-2)

HORIZON-HLTH-2022-DISEASE-06-04-two-stage: Development of new effective therapies for rare diseases

HORIZON-HLTH-2022-TOOL-11-02: New methods for the effective use of real-world data and/or synthetic data in regulatory decision-making and/or in health technology assessment

HORIZON-HLTH-2021-IND-07-01: Green pharmaceuticals

CLUSTER 5

HORIZON-CL5-2021-D1-01-01: Improved understanding of greenhouse gas fluxes and radiative forcers, including carbon dioxide removal technologies

HORIZON-CL5-2021-D1-01-09: The contribution of forest management to climate action: pathways, trade-offs and co-benefits

HORIZON-CL5-2022-D1-01-02-two-stage: Socio-economic risks of climate change in Europe

HORIZON-CL5-2021-D3-01-04: Novel tandem, high efficiency Photovoltaic technologies targeting low cost production with earth abundant materials

HORIZON-CL5-2021-D3-02-07: Stable high performance Perovskite Photovoltaics

HORIZON-CL5-2022-D3-03-05: Novel Thin Film (TF) technologies targeting high efficiencies

Topics for JRC's possible participation as beneficiary ii

CLUSTER 6

HORIZON-CL6-2021-BIODIV-01-07: Ecosystems and their services for an evidence-based policy and decision-making

HORIZON-CL6-2021-BIODIV-01-19: A mechanism for science to inform implementation, monitoring, review and ratcheting up of the new EU biodiversity strategy for 2030 ('Science Service').

HORIZON-CL6-2022-BIODIV-01-04: Natural capital accounting: Measuring the biodiversity footprint of products and organizations

HORIZON-CL6-2021-FARM2FORK-01-08: Uncovering lock-ins and levers to encourage farmers to move to and stay in sustainable, climate-neutral and biodiversity-friendly farming systems: from experiments to systemic mechanisms

HORIZON-CL6-2021-FARM2FORK-01-09: Towards an EU approach to assess and internalise positive and negative externalities of food for incentivising sustainable choices;

HORIZON-CL6-2021-FARM2FORK-01-12: Filling knowledge gaps on the nutritional, safety, allergenicity and environmental assessment of alternative proteins and dietary shift

HORIZON-CL6-2022-FARM2FORK-01-02: Socio-economics of pesticide use in agriculture;

HORIZON-CL6-2022-FARM2FORK-01-04: Innovative solutions to prevent adulteration of food bearing quality labels: focus on organic food and geographical indications;

HORIZON-CL6-2022-FARM2FORK-01-08: Research and innovation for food losses and waste prevention and reduction through harmonised measurement and monitoring

HORIZON-CL6-2022-FARM2FORK-01-11: Effective systems for authenticity and traceability in the food system

HORIZON-CL6-2022-FARM2FORK-02-02-two-stage: Emerging and future risks to plant health;

HORIZON-CL6-2022-CIRCBIO-01-06: Strengthening the European forest-based research and innovation ecosystem

HORIZON-CL6-2022-CIRCBIO-02-06-two-stage: Harnessing the digital revolution in the forest-based sector

HORIZON-CL6-2021-CLIMATE-01-09: Enhancing science-based knowledge on EU forests', including old-growth forests, capacities to mitigate climate change

HORIZON-CL6-2022-CLIMATE-01-04: Fostering the resilience of agricultural production: from observation of changes to the development of resilience strategies

HORIZON-CL6-2022-CLIMATE-01-05: Forestry - European observatory of climate change impacts and demonstration network of climate smart restoration pilots

Topics for JRC's possible participation as beneficiary iii

CLUSTER 6

HORIZON-CL6-2021-COMMUNITIES-01-01: Grasping rural diversity and strengthening evidence for tailored policies enhancing the contribution of rural communities to ecological, digital and social transitions

HORIZON-CL6-2021-GOVERNANCE-01-12: EU agriculture within a safe and just operating space and planetary boundaries;

HORIZON-CL6-2021-GOVERNANCE-01-13: Modelling land use and land management in the context of climate change;

HORIZON-CL6-2021-GOVERNANCE-01-22: Assessing the impacts of digital technologies in agriculture – Cost, benefits, and potential for sustainability gains

HORIZON-CL6-2022-GOVERNANCE-01-05: Innovative tools and methods to evaluate the design and support, monitoring and implementation of effective CAP Strategic Plans;

HORIZON-CL6-2022-GOVERNANCE-01-11: Upscaling (real-time) sensor data for EU-wide monitoring of production and agri-environmental conditions

HORIZON-CL6-2021-FARM2FORK-01-04: Tackling outbreaks of plant pests:

HORIZON-CL6-2021-COMMUNITIES-01-04: Socio-economic empowerment of the users of the sea

MISSIONS

HORIZON-MISS-2021-OCEAN-01: Preparation for deployment of 'lighthouse demonstrators' and solution scale

HORIZON-MISS-2021-CLIMA-01-01: Better prepared regional and local authorities to adapt to climate change

HORIZON-MISS-2021-SOIL-01-01: Preparing the ground for healthy soils: building capacities for engagement, outreach and knowledge

RESEARCH INFRASTRUCTURES

HORIZON-INFRA-2021-SERV-01-03: Research infrastructures services for responding to climate-related risks on the environment

HORIZON-INFRA-2021-SERV-01-07: Research infrastructures services advancing frontier knowledge