EUROPEAN UNION

#HorizonEU

Horizonte Europa

CLUSTER 6

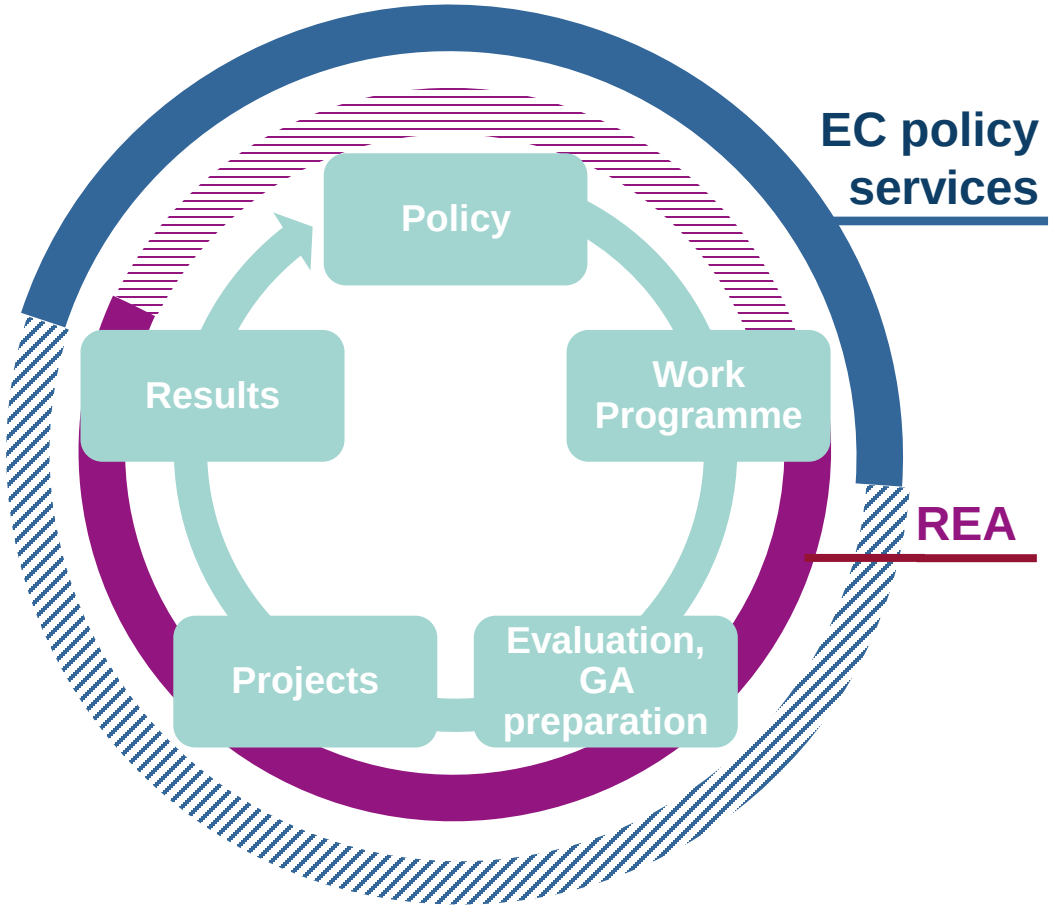
Alimentação, Bioeconomia, Recursos Naturais, Agricultura e Ambiente
Evento Nacional de promoção das calls 2022

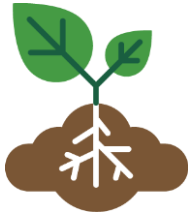
23 Novembro 2021

THE EU RESEARCH & INNOVATION PROGRAMME 2021 – 2027

https://europa.eu/!NF8QU7

REA – Fostering excellent science for future generations





Soil Deal for Europe

‘Dicas’e truques para uma proposta de sucesso

Maria José Amaral
European Research Executive Agency
REA.B2 Farm to fork, Communities Development and Climate Action

European Commission

Key principles

Strategic Planning and Programming (EC)

STRATEGIC PLAN

WORK PROGRAMME

EU POLICY PRIORITIES	Overall priorities of the European Union (Green Deal, Fit for the Digital Age,…)
KEY STRATEGIC ORIENTATIONS	Set of strategic objectives within the EC policy priorities where R&I investments are expected to make a difference
IMPACT AREAS	Group of expected impacts highlighting the most important transformation to be fostered through R&I
EXPECTED IMPACTS = DESTINATIONS	Wider long term effects on society (including the environment), the economy and science, enabled by the outcomes of R&I investments (long term). It refers to the specific contribution of the project to the work programme expected impacts described in the destination. Impacts generally occur some time after the end of the project.
EXPECTED OUTCOMES = TOPICS	The expected effects, over the medium term, of projects supported under a given topic. The results of a project should contribute to these outcomes, fostered in particular by the dissemination and exploitation measures. This may include the uptake, diffusion, deployment, and/or use of the project's results by direct target groups. Outcomes generally occur during or shortly after the end of the project.
PROJECT RESULTS	What is generated during the project implementation. This may include, for example, know-how, innovative solutions, algorithms, proof of feasibility, new business models, policy recommendations, guidelines, prototypes, demonstrators, databases and datasets, trained researchers, new infrastructures, networks, etc. Most project results (inventions, scientific works, etc.) are 'Intellectual Property', which may, if appropriate, be protected by formal 'Intellectual Property Rights'

PROJECT PROPOSALS

Application process

Key principles

Your proposed work must be within the scope of the topic - How does the idea address the issues raised in the topic?

You need to demonstrate that your idea is ambitious and goes beyond the s-o-a - How does your approach offer a novel solution? How do you link to existing solutions?

Your scientific methodology must take into account interdisciplinary, gender dimension and open science practices

You should show how your project will credibly contribute to the outcomes and impacts

You should describe the planned measures to maximise the impact of your project

You should demonstrate the quality of your work plan, resources and participants - Why are you the best team to deliver the idea?

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Key principles

- **Be relevant** - show that you have understood well the topic and the political context and priorities
- **Be simple and convincing** - convey your message in a clear, straightforward and assertive language
- **Write with the evaluators in mind** - educate the evaluator with "facts" and "figures“ and back-up your statements
- **Be complete** - ensure that you meet all conditions for admissibility and eligibility
- **Note the Type of Action and specific eligibility conditions**

HORIZON-CL6-2022-BIODIV-01-07: Protection and sustainable management of forest genetic resources of high interest for biodiversity, climate change adaptation, and forest reproductive materials

Specific conditions	
Expected EU contribution per project	The Commission estimates that an EU contribution of around EUR 8.00 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 8.00 million.
Type of Action	Research and Innovation Actions

Expected Outcome: In line with the EU biodiversity and climate change objectives, successful proposals will support the protection and sustainable use of forest genetic resources by contributing to a better insight into the characteristics of genetic resources in the climate change context, adaptive and biodiversity supporting practices in forestry and the enhancement of Europe's ambition in the international biodiversity agenda and international conventions.

Project results are expected to contribute to all of the following expected outcomes:

- Improved cooperation and knowledge sharing on deploying and conserving forest genetic resources in Europe;

Scope: Diversity of forest genetic resources provides the adaptive potential for tree species and populations to cope with climatic changes and future challenges. The adaptive potential of forests depends on their demographic history and the forces of natural selection. It also depends on forestry activities and the choice of species and populations that show better potential for adaptation to climate change or to subsequent effects of climate change. Provenance trials and common garden trials allow for the assessment of phenotypic responses in various environmental conditions and genomic backgrounds and therefore, genotype X environment interactions. New provenance trials in new environments including populations from range and habitat margins, coupled with genomic analysis of the provenances should provide insights to improve adaptive forest management.

Proposals should:

- Conduct research and networking on provenance trials or common gardens, with new trials and reassessment of older provenance tests using phenotypic traits related to

Proposal Template

NEW IN PART A

- Researchers table – needed to follow up researchers careers (HE indicator)
- **Role of participating organisation**
- Self-declaration on gender equality plan

MOVED FROM PART B TO A

- Ethics self-assessment
- Security questionnaire
- **Information on participants' previous activities related to the topic**

NEW IN PART B

- **Glossary of terms.**
- Consistency on the use of terminology is ensured in all project phases (from WP to proposal and reporting)
- **Extensive explanations on what exactly should be included in each section**

Substantial reduction in page limit in PART B

RIAs / IAs	CSAs	COFUND	First stage proposals
45 pages	30 pages	70 pages	10 pages

Evaluation criteria

Same criteria as in H2020: '**Excellence**', '**Impact**' and '**Quality and efficiency of the implementation**'

- The number of '**aspects to be taken into account**' have been **reduced**, ensuring that the same aspect is not assessed twice
- **Open Science** practices assessed as part of the scientific methodology in the excellence criterion
- **New approach to impact**: Key Impact Pathways (KIPs)
- The assessment of the **quality of applicants** is assessed under 'implementation', rather than as a separate binary assessment of operational capacity
- Assessment of **management structures** has been removed

Excellence

- Fully **pertinent and clear objectives** with credible targets
- **Novelty and innovation of the solution(s)** convincingly described considering maturity of the proposed solution and advancement in Technology Readiness Levels (TRL)
- Well-considered **inclusion of stakeholder knowledge and end-user involvement for co-design & co-creation** throughout the project (incl. Multi-Actor approach if relevant)
- Well-founded rationale building on existing knowledge, initiatives and previous projects to move beyond the-state-of-the-art
- **Gender dimension** considered in the approach (not gender balance)

Gender dimension

Addressing the gender dimension in research and innovation entails taking into account sex and gender in the whole research & innovation process

Open Science

Open Science

Open science is an approach based on open cooperative work and systematic sharing of knowledge and tools as early and widely as possible in the process. Including active engagement of society

Mandatory immediate Open Access to publications: no embargo - no hybrid journals - beneficiaries must retain sufficient IPRs to comply with open access requirements;

Research data management mandatory for all projects generating or reusing data

Open access to research outputs: specific licenses and technical standards for digital objects to enable FAIR **'as open as possible as closed as necessary'**

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Multi-Actor Approach (MAA) in Cluster 6

Multi actor approach

Approach to make the R&I process and its outcomes more demand-driven, reliable and relevant to society and particularly end-users (farmers and foresters)

Project objectives must be targeting the needs and opportunities of end-users of results: an integral part of the topic

End-users/practitioners and intermediates are to be involved: not as a study-object, but to use their practical and local knowledge and/or entrepreneurial skills to develop solutions and create **'co-ownership' of results** to speed up the acceptance and take-up of new ideas, approaches and solutions developed in the project

Results must be practical: easily understandable and feed into the most used dissemination channels for end-users (including Practice Abstracts)

Projects should involve as much as possible local interactive innovation groups (EIP-AGRI Operational Groups under the CAP)

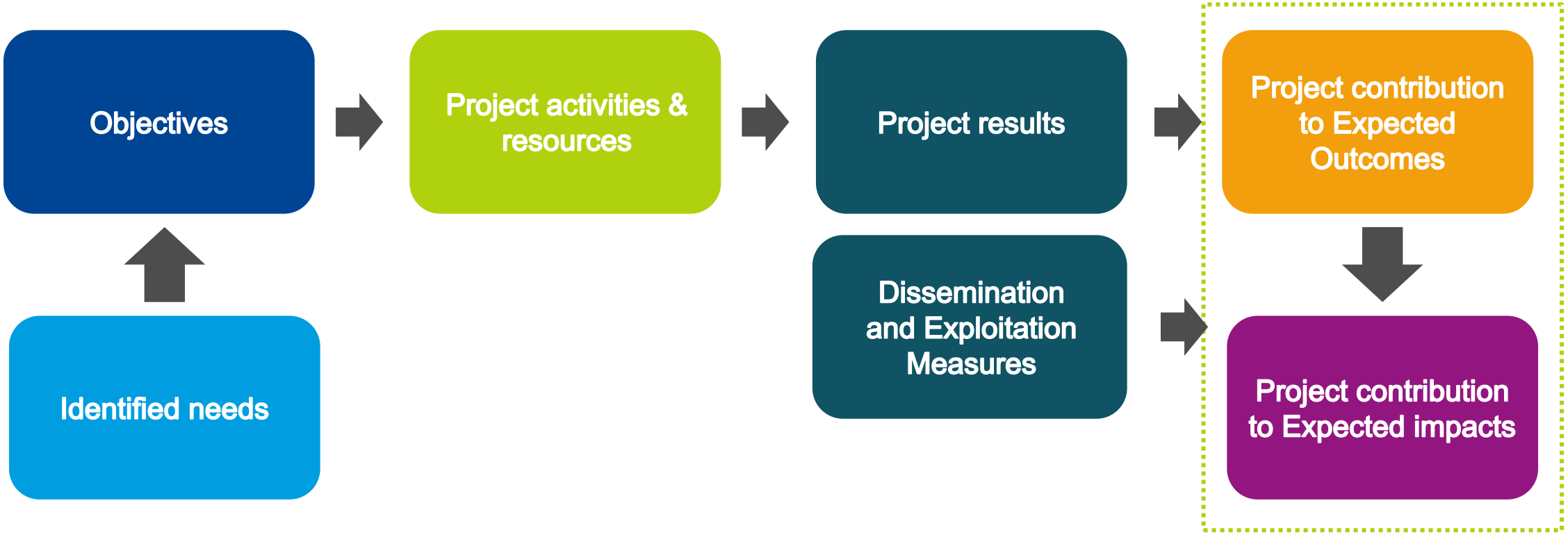
Impact

- The **results** of your proposal should contribute to create **impact at EU level** or beyond. This can include wider long-term effects on **society**, **economic growth**, **job creation**, or **progression in a scientific field**
- **Explain the logic steps from results to impact and the scale and significant of your contributions**
- Include **indicators** to convincingly demonstrate how the project will contribute. Explain any **baselines, benchmarks and assumptions** as well as any **relevant barriers towards impact**
- Specify the target groups that will benefit from your results, demonstrate interest among potential end-users and define an adequate role for them

Describing your contribution to impact

Pathways to impact

Logical steps towards the achievement of the expected impacts, in particular beyond the duration of the project. From the projects' results, to their dissemination, exploitation and communication, contributing to the expected outcomes, and ultimately to the wider scientific, economic and societal impacts of the work programme destination



Measures to maximise impact

Dissemination, exploitation and communication

Articulate what you plan to do to maximise the impact of your proposal regarding dissemination, exploitation and communication measures. Draft plan at proposal stage.

All measures should be **proportionate** to the scale of the project, and should contain **concrete and tailored actions to the project and the target audiences** to be implemented both **during and after** the end of the project

- Describe your **key exploitable results** and how **exploitation and uptake** beyond the project lifetime can be supported and how **long-term sustainability of results will be accomplished**
- **Identify target audiences** (e.g. scientific community, end users, financial actors, public at large) and **proposed channels** to interact with them
- Develop a comprehensive and feasible **strategy for the management of the intellectual** property, agree which results will be exploited by the consortium and how **transfer and licensing of results** for other entities will happen (the provision of a results ownership list is mandatory at the end of the project)
- Consider adequate **policy feedback measures** to contribute to policy shaping and supporting the implementation of new policy initiatives and decisions
- **Consider how communication** measures can further support in promoting the project and its findings throughout the full lifespan of the project

Who can participate and/or receive funds?

Any legal entity, regardless of its place of establishment, including legal entities from non-associated third countries or international organisations is eligible to participate (whether it is eligible for funding or not), provided that the conditions la id down in the Horizon Europe Regulation have been met, along with any other conditions laid down in the specific call topic.

Legal entities can be funded if established in:

- Member States (MS) including their outermost regions
- Overseas Countries and Territories (OCTs) linked to the MS
- Countries associated to HE (AC)
- Low and middle income countries - HE Programme Guide
- Other countries when announced in the topic/call or **exceptionally if their participation is essential**
- (or if) they are International European Research Organisations

Type of Partners:

- **Beneficiaries**
- **Associated partners**: applicants without funding that do not sign the grant agreement. **They do not counts towards the minimum eligibility condition**. Associated partners can come from MS or AC.
- **Affiliated partners** (previous LTP): entities affiliated to an existing beneficiary, do not sign the grant agreement and **do not count towards the minimum eligibility condition**.

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Gender in HE

Eligibility: Gender Equality Plan (applicable from 2022)

Participants that are public bodies, research organisations or higher education establishments from Members States and Associated countries must have a gender equality plan, covering minimum process-related requirements

Award Criteria: Integration of the gender dimension in Excellence

Addressing the gender dimension in research and innovation entails taking into account sex and gender in the whole research & innovation process. The integration of the gender dimension into R&I content is mandatory, unless it is explicitly mentioned in the topic description

Ranking Criteria: Gender balance of the consortium based on Table of Researchers

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Final consideration

Excellence

- **Define** key objectives
- **Be ambitious** but **realistic**
- Provide **sufficient detail** on the approach and methodology
- Create links with previous **networks**
- Don’t forget **Open Science** and **Gender Dimension**

Impact

- Consider all **expected outcomes** and **relevant expected impacts**
- **Define well your key results**
- **Quantify and measure your contribution** (scale, significance, benchmarks)
- Consider seriously existing **barriers**

Implementation

- Provide a **precise planning** with well timed tasks and activities
- **Justify the resources distribution** overall and among partners
- Demonstrate the **complementary expertise** of the consortium

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For more information…

… check recorded webinars

- **'How to prepare a successful proposal in Horizon Europe'** (24 March 2021). Recorded session
- '**A successful proposal for Horizon Europe: Scientific-technical excellence is key, but don't forget the other aspects**' (21 April 2021). Recorded session
- **'The Funding & Tenders Portal for beginners'** (27 May 2021). Recorded session
- **'All you need to know on D&E under Horizon Europe'** (9 June 2021). Recorded session
- **'How to prepare a successful innovation procurement proposal for Horizon Europe'** (22 June 2021). Recorded session
- **'Horizon Europe: key changes to the Ethics Appraisal Process'** (18 July 2021). Recorded session
- **R&I Days 2021: workshop on 'Tips and tricks while writing your HE proposal'** (23 June 2021). Recorded session
- **Cluster 6 info-day** Event page

… check the FAQ and contact the Research Enquiry Service (RES)

… access the Online Manual (guide for business processes) and the IT How To wiki (guide for IT processes)

… check the news section of the F&T portal regularly

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THANK YOU

Start early … start yesterday!

Plan ahead

Read carefully

Be involved

Be realistic

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http://ec.europa.eu/horizon-europe

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Mandatory GEP process requirements

Public document

- Formal document
- Signed by top management
- Published on the institution's website
- Disseminated through institution

Dedicated resources

- Funding for gender equality positions or teams
- Reserved time for others to work on gender equality

Data collection and monitoring

- Data on sex or gender of staff across roles and leadership
- Annual reports and evaluation of progress and outcomes

Training and capacity building

- Whole organisation engagement
- Tackle gender biases of people and decisions
- Joint action on specific topics

Recommended GEP content areas