



Call for feedback on missions

Fields marked with * are mandatory.

Introduction



Welcome to the call for feedback on missions on the basis of the report by Professor Mariana Mazzucato. The call for feedback will be open until Tuesday 3 April 2018.

The Interim Evaluation of Horizon 2020 as well as the high level group chaired by Pascal Lamy highlighted the need to maximise the impact of the next framework programme for research and innovation and to find a way to make it easier for citizens and society to understand the value of the investments in research and innovation. Furthermore, it is important to find out how to direct innovation to solve the pressing global challenges of our time. Part of the answer to these challenges could be to go for a mission-oriented approach in the global challenge pillar in the next Framework Programme for research and innovation.

Missions could be a powerful way to create measurable impact, with a transformative potential for science, technology, industry and society that also captures the imagination of our citizens. Missions are to be set in between broad global challenges and specific projects (see image above). They should have a clearly defined, measurable target to be achieved through a portfolio of research and innovation actions within a set timeframe.

Professor Mariana Mazzucato has been asked by Research, Science and Innovation Commissioner Carlos Moedas to advise him on missions. On 22 February 2018 Professor Mariana Mazzucato presented her report on missions. The report describes the rationale for EU level research and innovation missions, the concept, as well as key criteria to select missions and important considerations for their successful implementation. You can read the report [here](#).

Just below you can download a set of slides briefly explaining the content of the Mazzucato report.

Slides on the Mazzucato report

[Mazzucato Report Call for Feedback.pptx](#)

This call for feedback collects your views on different aspects of future research and innovation missions. The results will feed into the preparatory work for the post-2020 EU R&I programme and its implementation.

This survey is addressed to the general public as well as to research and innovation stakeholders.

It will take you 5 – 10 minutes to answer the questions.

We may publish your contribution on the [webpage on the next framework programme](#) You can select your privacy options at the end of the survey.

WHICH CRITERIA SHOULD BE USED TO SELECT EU RESEARCH AND INNOVATION MISSIONS?

Professor Mazzucato has suggested 5 criteria for how EU research and innovation missions should be selected. Please see more on pages 14-15 in the report and slide 5.

Using a scale from 1 = Not at all important to 4 = Very important, please rate the importance of the criteria proposed by Professor Mazzucato. Please rate for each criteria:

	1	2	3	4	Don't know
EU R&I missions should be bold, inspirational with wide societal relevance	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
EU R&I missions should have a clear direction: should be targeted, measureable and time-bound	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
EU R&I missions should have ambitious but realistic research & innovation actions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
EU R&I missions should be cross-disciplinary, cross-sectoral and cross-actor	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EU R&I missions should foster multiple, bottom-up solutions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Please provide any further comments on the criteria to define research and innovation missions for instance other proposals for criteria:

Bold and societally relevant missions are by definition and by default cross-disciplinary, cross-sectoral and cross-actor. It is important to include competences and capacities from a variety of fields, and to involve different actors and stakeholders. This is more important than cross-disciplinarity as such. If cross-disciplinarity is used as criteria, it should be specified, what the expected degree of cross-disciplinarity is.

We should also hold on to the excellence as a primary criterion. The time-boundness of missions should be justified and based on proven evidence - keeping in mind that we are building a framework programme for research. Thus, we should avoid making too rough or poorly justified estimates on when some mission will be completed.

HOW SHOULD EU RESEARCH AND INNOVATION MISSIONS BE IMPLEMENTED?

Professor Mazzucato has suggested 4 key points for how EU research and innovation missions should be implemented. Please see more on pages 16-19 in the report and in slide 6.

Using a scale from 1 = Not at all important to 4 = Very important, please rate the importance of the points on how to implement missions proposed by Professor Mazzucato. Please rate for each point:

	1	2	3	4	Don't know
EU R&I missions should engage a diverse set of national and regional stakeholders	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Each EU R&I missions should have a clear goal and milestones to measure impact	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
EU R&I missions should be implemented through a portfolio of instruments to foster bottom up solutions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Implementation of EU R&I missions should be flexible, with proactive management and building in-house capabilities	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please provide any further comments on Professor Mazzucato's suggestions for how to implement research and innovation missions for instance other proposals for important modalities for how to implement missions:

- Instead of regional stakeholders as such, regional expertise should be emphasized – we have to avoid wordings that allow for any possibilities for cohesion policies to be entered into the framework programme.
- Merging different instruments is not a new thing: if the missions are large and include different programs and projects, it is natural to merge funding instruments.
- Missions might help stakeholders to get a coherent picture about work programs and calls. It should however be clearer to the stakeholders how projects, work programs and calls etc. relate to each other as a whole. This would help to see the bigger picture going on in the European R&D field.
- More flexibility is needed in the project execution to re-focus the project and its budget if the circumstances change during the projects life-span. Mazzucato's report raises questions: can the chosen project execution approach be changed during the project? Can the budget be adjusted? How will this all be governed and coordinated, where is the ownership?
- It should be clarified by the EC how the knowledge generated in the project will be distributed to relevant target groups in the future. What is the mechanism to distribute the knowledge across Europe after the projects end? The focus is now only on the implementation of the actual missions, but what about the impact through interaction? This should also be the approach for the citizen engagement.
- There is no information available on how many missions are planned or how large they will be – this information would help to think further.

Professor Mazzucato has suggested that public engagement is important to the success of missions. Please see more on pages 21-22 in the report.

Please indicate your level of agreement with the following statement:

'Citizens should be consulted on the choice of missions'

- Strongly disagree
- Disagree
- Agree
- Strongly agree
- Don't know

Further comments on whether citizens should be consulted on the choice of missions.

One should be very careful in involving citizens in the choice of missions, because people tend to interpret complex issues very differently. Excellency should be the primary starting point in the Framework Programme for research, and it must be recognized that engaging citizens in these kinds of evaluations might not be realistic. However, Citizen engagement is welcomed to take place in the societal interaction part of the missions/projects, and the dissemination of the results to citizens should be a key focus. In addition, promoting citizen science should be included in the planning of the missions.

CALL FOR FEEDBACK ON EU RESEARCH AND INNOVATION MISSIONS

Please describe your ideas for EU research and innovation missions, which fulfil the 5 selection criteria as proposed in the report of Professor Mazzucato. Please limit your proposals to 5.

Proposal 1

500 character(s) maximum

Democratisation of AI and ethical use of data: We are living in a world where undemocratic and unethical actors are gaining ground in the use of data and the development of Artificial Intelligence. This might seriously undermine the benefits of technological development turning them into threats that endanger democracy. The mission is to create a democratic and ethically sustainable AI and data ecosystem for Europe. Focusing on AI development in general is crucial for Europe.

Proposal 2

500 character(s) maximum

Sustainable Arctic: Understanding and mitigating climate change is one of the crucial challenges the world is facing in the 21st century. Climate is warming faster than average in the Arctic region, which will have a huge impact on the environment and society on a global scale. The mission is to gain a holistic understanding of the mechanisms related to climate change: melting of ice, sea-level rise, melting of permafrost, changes in vegetation, health and societal, security and connectivity.

Proposal 3

500 character(s) maximum

Proposal 4

500 character(s) maximum

Proposal 5

500 character(s) maximum

If you would like to provide a more detailed contribution on missions, please click below to upload a document.

7f21454f-c448-4e06-b6d5-51449f6f4e0b/CSC_proposals_for_missions.pdf

ABOUT YOU

Did you receive support from Horizon 2020?

- Yes
 No

I am responding:

- As an individual
 On behalf of a single institution/company
 On behalf of an EU 'umbrella' organisation

What type of stakeholder organisation do you represent?

- University
 Research organisation
 Business or industry
 Public authority
 Non-Governmental Organisation
 Other

*** Your name and last name:**

Kimmo Koski

*** Name of your organisation:**

CSC - IT Center for Science Ltd.

Your e-mail address.

We may wish to contact you about your contribution or future events. It will not be distributed to third parties.

kimmo.koski@csc.fi

*** I agree to the data privacy terms**

[Call for feedback on missions Privacy statement Feb 2018.docx](#)

If you have specific privacy concerns, you can answer no to the question below. Please be informed that your response may still be published in an anonymised form.

Do you want your contribution to remain anonymous?

Yes

No

Useful links

[FP9 webpage \(https://ec.europa.eu/programmes/horizon2020/en/next-framework-programme\)](https://ec.europa.eu/programmes/horizon2020/en/next-framework-programme)

Background Documents

[Slides on the Mazzucto report \(/eusurvey/files/687ad933-8324-45cc-861f-832779b13572\)](/eusurvey/files/687ad933-8324-45cc-861f-832779b13572)

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