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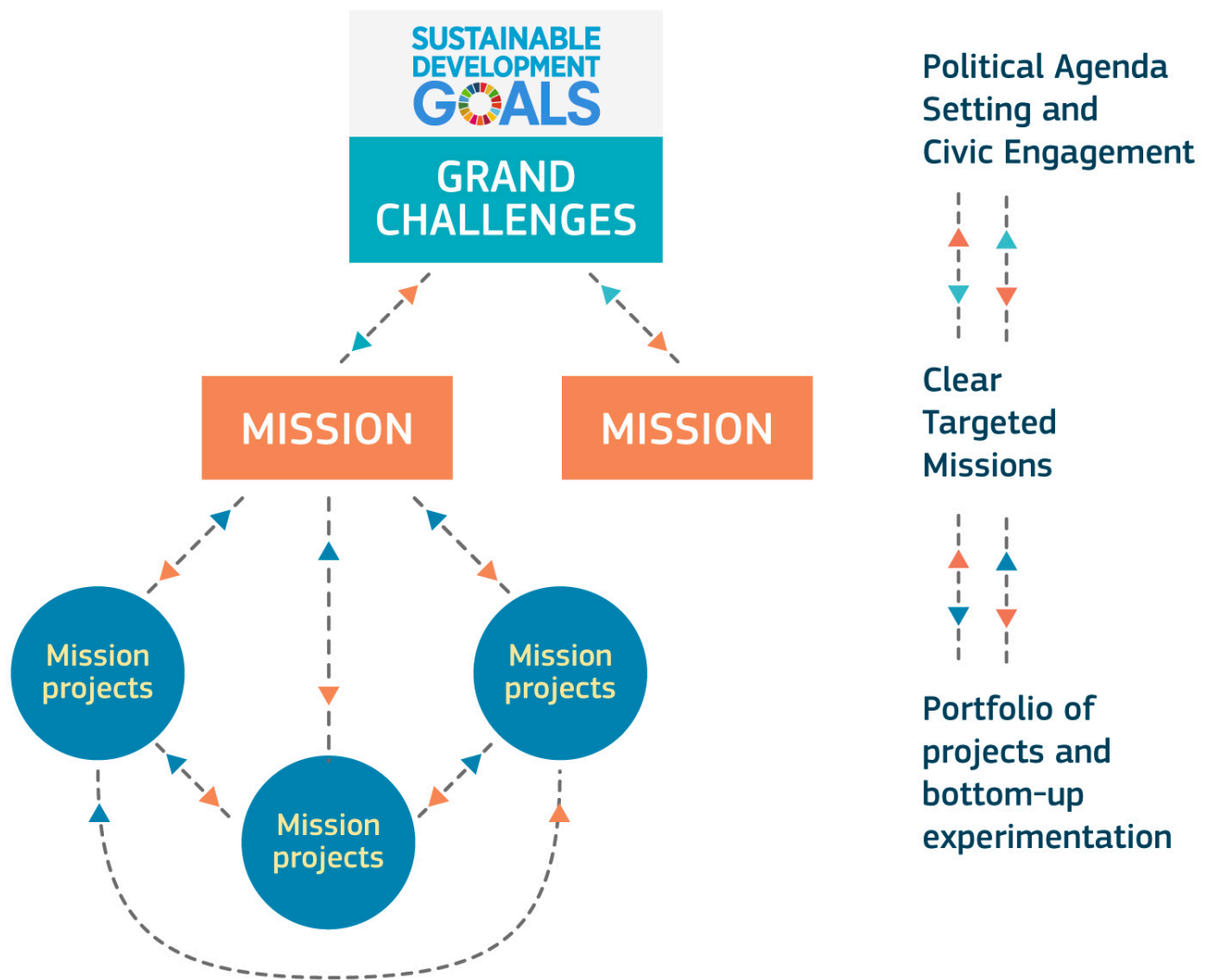
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Call for feedback on missions

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](#).

(<https://data.europa.eu/doi/10.2777/360325>)

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 (<https://ec.europa.eu/programmes/horizon2020/en/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 checked="" type="radio"/>	<input 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 type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
EU R&I missions should foster multiple, bottom-up solutions	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input 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:

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 type="radio"/>	<input type="radio"/>	<input checked="" 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 checked="" type="radio"/>	<input type="radio"/>	<input 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:

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.

Missions shall be presented and explained to the citizens, however responsibility for the final decision shall remain with professionals.

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

Enabling Our Ageing Population - Developing new technologies, services and systems to support an aging population is a pressing current challenge that will take on further urgency as the proportion of older people increases globally. Themes would encompass advances in personalised medicine, medical diagnostics and assisted living technologies, as well as new models for social care and services tailored for an ageing population.

Proposal 2

500 character(s) maximum

Averting an Antimicrobial Resistance Apocalypse - A mission that addresses the challenge of antimicrobial resistance using a one-health approach. Alongside the development of new drugs and types of therapeutics, strands under this mission could include understanding mechanisms of resistance and understanding the spread of resistance (particularly through environmental pathways), identifying ways to prevent the spread and transmission of infection, development and implementation of rapid diagnost

Proposal 3

500 character(s) maximum

Sustainable Low Carbon Energy for All - A mission to deliver advances across energy efficiency, exploitation, storage and distribution to ensure adequate, equitable and sustainable energy for all. The mission will need to encompass research into materials and processes to deliver new and improved technologies, as well as routes to implementation on the scale needed for public and industrial use. In addition, research into markets, consumer attitudes and preferences will be essential.

Proposal 4

500 character(s) maximum

Forming a fit-for purpose Food Landscape - This mission will deliver safe, sustainable and sufficient food supplies across the world. It will encompass methods to improve production, develop innovations in new foods, reduce waste and ensure food safety and authenticity. Examining our social and cultural relationships with food, alongside research into public health interventions that encourage improvements in diet would also be part of this mission.

Proposal 5

500 character(s) maximum

Smart non-invasive Medical Diagnostics - This mission will lead to smart fast non-invasive diagnostics for a whole range of diseases, as well as imaging hard and soft tissue allowing the phasing out of X-radiography and other potentially harmful techniques.

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

[EuCheMS_FP9_response_Final.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:** Name of your organisation:****Your e-mail address.**

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

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

[Call for feedback on missions Privacy statement Feb 2018.docx \(/eusurvey/files/4348da98-3a24-4e5e-aa5f-6cd533aff883\)](#)

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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