Contribution ID: 96811139-92ca-40e1-a7e2-685601f3e73b Date: 23/02/2023 13:40:31



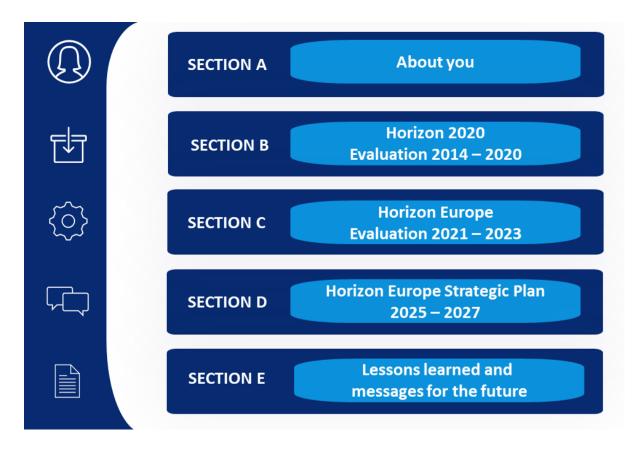
# Public consultation on the past, present and future of the European Research & Innovation Framework programmes 2014-2027

Fields marked with \* are mandatory.

## INTRODUCTION

This consultation aims to collect the views of research institutions, businesses, consumer organisations, as well as non-governmental organisations, public authorities, and other stakeholders on the European Union Framework Programmes (FP) for Research & Innovation, **Horizon 2020** (8th FP) and **Horizon Europe** (9th FP).

The consultation has five sections:



• Section A "About you" asks information about the respondent's profile.

- Section B focuses on the past programme Horizon 2020 (2014 2020) and aims to collect feedback and evidence to draw lessons from the past. This part of the consultation will feed into the ex-post evaluation of Horizon 2020.
- Section C focuses on the current programme Horizon Europe (2021 2027) and aims to take stock of what stakeholders are currently experiencing to possibly adapt current actions. This part of the consultation will feed into the mid-term evaluation of Horizon Europe, covering the period 2021 – 2023.
- Section D collects views and opinions for the upcoming Strategic Plan of Horizon Europe (2025 2027). The questionnaire concerns the future societal challenges that should shape future EU research and innovation activities, the strengths and weaknesses of the European R&I system, EU Missions, European Partnerships and synergies with other EU programmes.
- Section E asks about the key lessons learned and messages for the future. If you wish so, you can upload a position paper in this section.

You can choose to **complete only one or more sections** of the consultation.

You can save your contribution as a draft on the server and continue later or on a different day.

As the consultation looks at the **past, the present and the future of European Research Framework Programmes**, some topics are addressed under multiple sections.

For example, both section B (Horizon 2020) and section C (Horizon Europe) examine how the programmes contributed (or is contributing) to climate, health, digital and industrial transitions. Likewise, questions on the programme's implementation and administrative procedures are asked in the two sections to account for the simplification measures introduced in Horizon Europe.



Your answers will be **treated confidentially** and will be statistically processed. **The results will be anonymised and presented at an aggregate level** only in a report that will be published in the "Have your say" web portal.

| CLOSING DATE: 23 February 2023  |
|---|
| By participating, you will help shape the future of the European Research and Innovation Programme. |
| Thank you!  |
| European<br>Commission #EUHaveYourSay   |

Please select your language preference on top of the page before starting the survey.

Need help? Please contact: RTD-PUBLIC-CONSULTATION-HORIZON@ec.europa.eu

# **SECTION A. ABOUT YOU**

- \* Language of my contribution
  - Bulgarian
  - Croatian

- Czech
- Danish
- Dutch
- English
- Estonian
- Finnish
- French
- German
- Greek
- Hungarian
- Irish
- Italian
- Latvian
- Lithuanian
- Maltese
- Polish
- Portuguese
- Romanian
- Slovak
- Slovenian
- Spanish
- Swedish
- \* I am giving my contribution as
  - Academic/research institution
  - Business association
  - Company/business organisation
  - Consumer organisation
  - EU citizen
  - Environmental organisation
  - Non-EU citizen
  - Non-governmental organisation (NGO)
  - Public authority
  - Trade union
  - Other

Are you providing your personal views or the views of an institution/organisation?

- Personal views
- Views of an institution / organisation

#### \* First name

axel

#### \*Surname

debry

#### \* Email (this won't be published)

axel.debry@embl.de

#### \*Organisation name

255 character(s) maximum

European Molecular Biology Laboratory

#### \*Organisation size

- Micro (1 to 9 employees)
- Small (10 to 49 employees)
- Medium (50 to 249 employees)
- Large (250 or more)

#### Transparency register number

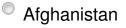
#### 255 character(s) maximum

Check if your organisation is on the <u>transparency register</u>. It's a voluntary database for organisations seeking to influence EU decision-making.

#### \* Country of origin

Please add your country of origin, or that of your organisation.

This list does not represent the official position of the European institutions with regard to the legal status or policy of the entities mentioned. It is a harmonisation of often divergent lists and practices.



Djibouti





| Åland Islands  | Dominica              | Liechtenstein               | Saint Pierre and<br>Miquelon           |
|----------------|-----------------------|-----------------------------|--|
| Albania        | Dominican<br>Republic | Lithuania                   | Saint Vincent<br>and the<br>Grenadines |
| Algeria        | Ecuador               | Luxembourg                  | Samoa                                  |
| American Samoa | a <sup>©</sup> Egypt  | Macau                       | San Marino                             |
| Andorra        | El Salvador           | Madagascar                  | São Tomé and                           |
|                |                       |                             | Príncipe                               |
| Angola         | Equatorial Guir       | nea <sup>©</sup> Malawi     | Saudi Arabia                           |
| Anguilla       | Eritrea               | Malaysia                    | Senegal                                |
| Antarctica     | Estonia               | Maldives                    | Serbia                                 |
| Antigua and    | Eswatini              | Mali                        | Seychelles                             |
| Barbuda        |                       |                             |  |
| Argentina      | Ethiopia              | Malta                       | Sierra Leone                           |
| Armenia        | Falkland Island       | s 🄎 Marshall Islands        | s 🤍 Singapore                          |
| Aruba          | Faroe Islands         | Martinique                  | Sint Maarten                           |
| Australia      | Fiji                  | Mauritania                  | Slovakia                               |
| Austria        | Finland               | Mauritius                   | Slovenia                               |
| Azerbaijan     | France                | Mayotte                     | Solomon Islands                        |
| Bahamas        | French Guiana         | Mexico                      | Somalia                                |
| Bahrain        | French Polynes        | sia <sup>©</sup> Micronesia | South Africa                           |
| Bangladesh     | French Souther        | rn 🔍 Moldova                | South Georgia                          |
|                | and Antarctic         |                             | and the South                          |
|                | Lands                 |                             | Sandwich                               |
| -              | -                     | -                           | Islands                                |
| Barbados       | Gabon                 | Monaco                      | South Korea                            |
| Belarus        | Georgia               | Mongolia                    | South Sudan                            |
| Belgium        | Germany               | Montenegro                  | Spain                                  |
| Belize         | Ghana                 | Montserrat                  | Sri Lanka                              |
| Benin          | Gibraltar             | Morocco                     | Sudan                                  |
| Bermuda        | Greece                | Mozambique                  | Suriname                               |
| Bhutan         | Greenland             | Myanmar/Burma               | a <sup>©</sup> Svalbard and            |
|                |                       |                             | Jan Mayen                              |
| Bolivia        | Grenada               | Namibia                     | Sweden                                 |

| Bonaire Saint<br>Eustatius and<br>Saba | 0          | Guadeloupe       | 0          | Nauru           | 0          | Switzerland    |
|--|------------|------------------|------------|-----------------|------------|----------------|
| Bosnia and<br>Herzegovina              | 0          | Guam             | 0          | Nepal           | ۲          | Syria          |
| Botswana                               | $\bigcirc$ | Guatemala        | ۲          | Netherlands     | $\bigcirc$ | Taiwan         |
| Bouvet Island                          | $\bigcirc$ | Guernsey         | ۲          | New Caledonia   | $\bigcirc$ | Tajikistan     |
| Brazil                                 | $\bigcirc$ | Guinea           | ۲          | New Zealand     | ۲          | Tanzania       |
| British Indian<br>Ocean Territory      | 0          | Guinea-Bissau    | ٢          | Nicaragua       | ٢          | Thailand       |
| British Virgin                         | 0          | Guyana           | ۲          | Niger           | 0          | The Gambia     |
| Islands                                |            |                  |            |                 |            |                |
| Brunei                                 | 0          | Haiti            |            | Nigeria         |            | Timor-Leste    |
| Bulgaria                               | 0          | Heard Island and |            | Niue            | 0          | Тодо           |
|  |            | McDonald Islands | 5          |                 |            |                |
| Burkina Faso                           | 0          | Honduras         |            | Norfolk Island  |            | Tokelau        |
| Burundi                                | 0          | Hong Kong        | 0          | Northern        | 0          | Tonga          |
|  |            |                  |            | Mariana Islands |            |                |
| Cambodia                               |            | Hungary          | 0          | North Korea     | 0          | Trinidad and   |
|  |            |                  |            |                 |            | Tobago         |
| Cameroon                               | 0          | Iceland          |            | North Macedonia |            |                |
| Canada                                 | 0          | India            | 0          | Norway          | 0          | Turkey         |
| Cape Verde                             | 0          | Indonesia        | 0          | Oman            | 0          | Turkmenistan   |
| Cayman Islands                         | $\odot$    | Iran             | $\bigcirc$ | Pakistan        | $\odot$    | Turks and      |
|  | _          |                  |            |                 |            | Caicos Islands |
| Central African<br>Republic            | 0          | Iraq             | $\odot$    | Palau           | $\odot$    | Tuvalu         |
| Chad                                   | ۲          | Ireland          | $\bigcirc$ | Palestine       | ۲          | Uganda         |
| Chile                                  | $\bigcirc$ | Isle of Man      | ۲          | Panama          | $\bigcirc$ | Ukraine        |
| China                                  | $\bigcirc$ | Israel           | 0          | Papua New       | $\bigcirc$ | United Arab    |
|  |            |                  |            | Guinea          |            | Emirates       |
| Christmas Island                       | $\bigcirc$ | Italy            | ٢          | Paraguay        | ۲          | United Kingdom |
| Clipperton                             | $\bigcirc$ | Jamaica          | ۲          | Peru            | ۲          | United States  |
| ••                                     |            |                  |            |                 |            |                |

| Cocos (Keeling)<br>Islands | Japan      | Philippines      | United States<br>Minor Outlying<br>Islands |
|----------------------------|------------|------------------|--|
| Colombia                   | Jersey     | Pitcairn Islands | Uruguay                                    |
| Comoros                    | Jordan     | Poland           | US Virgin Islands                          |
| Congo                      | Kazakhstan | Portugal         | Uzbekistan                                 |
| Cook Islands               | Kenya      | Puerto Rico      | Vanuatu                                    |
| Costa Rica                 | Kiribati   | Qatar            | Vatican City                               |
| Côte d'Ivoire              | Kosovo     | Réunion          | Venezuela                                  |
| Croatia                    | Kuwait     | Romania          | Vietnam                                    |
| Cuba                       | Kyrgyzstan | Russia           | Wallis and                                 |
|                            |            |                  | Futuna                                     |
| Curaçao                    | Laos       | Rwanda           | Western Sahara                             |
| Cyprus                     | Latvia     | Saint Barthélem  | y <sup>©</sup> Yemen                       |
| Czechia                    | Lebanon    | Saint Helena     | Zambia                                     |
|                            |            | Ascension and    |  |
|                            |            | Tristan da Cunh  | а  |
| Democratic                 | Lesotho    | Saint Kitts and  | Zimbabwe                                   |
| Republic of the            |            | Nevis            |  |
| Congo                      |            | 0                |  |
| Denmark                    | Liberia    | Saint Lucia      |  |

\* Please select the option(s) that best describe(s) your experience with the European Union Research and Innovation programmes:

between 1 and 6 choices

- I/my organisation has participated/is currently participating in at least one project funded by Horizon 2020 (2014 – 2020)
- I/my organisation has participated/is currently participating in at least one project funded by Horizon Europe (2021 – 2027)
- I/my organisation has proposed project(s) to receive funding from Horizon 2020 (2014 – 2020) but was unsuccessful.
- I/my organisation has proposed project(s) to receive funding from Horizon Europe (2021 - 2027) but was unsuccessful.
- I/my organisation supports other entities that apply for / participate in the EU R&I Framework Programmes

# I/my organisation is interested in research and innovation but did not apply so far for EU funding under the European Research and Innovation Programme

None of the above

The Commission will publish all contributions to this public consultation. You can choose whether you would prefer to have your details published or to remain anonymous when your contribution is published. Fo r the purpose of transparency, the type of respondent (for example, 'business association, 'consumer association', 'EU citizen') country of origin, organisation name and size, and its transparency register number, are always published. Your e-mail address will never be published. Opt in to select the privacy option that best suits you. Privacy options default based on the type of respondent selected

#### \* Contribution publication privacy settings

The Commission will publish the responses to this public consultation. You can choose whether you would like your details to be made public or to remain anonymous.

#### Anonymous

Only organisation details are published: The type of respondent that you responded to this consultation as, the name of the organisation on whose behalf you reply as well as its transparency number, its size, its country of origin and your contribution will be published as received. Your name will not be published. Please do not include any personal data in the contribution itself if you want to remain anonymous.

# Public

Organisation details and respondent details are published: The type of respondent that you responded to this consultation as, the name of the organisation on whose behalf you reply as well as its transparency number, its size, its country of origin and your contribution will be published. Your name will also be published.

I agree with the personal data protection provisions

#### \* Which part of the survey would you like to fill in?

between 1 and 3 choices

- Performance of the past programme Horizon 2020 (input for the Horizon 2020 ex-post evaluation)
- Performance of Horizon Europe (input for the Horizon Europe interim evaluation)

Looking into the R&I future priorities 2025-2027 (input for the Horizon Europe Strategic Plan)

\* In which of the following **areas of Horizon 2020** are you or your organisation

mainly active / interested in? Please select all that apply (Horizon 2020 structure): between 1 and 21 choices

- Frontier research: European Research Council
- Multidisciplinary research on future technologies: Future and Emerging Technologies and the European Innovation Council Pilot Pathfinder
- Researcher training, career development and mobility: Marie Skłodowska-Curie Actions
- European Research Infrastructures
- Leadership in Enabling and Industrial Technologies
- Access to debt and equity finance for R&I: Access to Risk Finance (including InnovFin)
- Innovation support for SMEs (including SME Instrument, the European Innovation Council Pilot Accelerator)
- Support to accelerate the market uptake of innovations: Fast Track to Innovation
- Entrepreneurial innovation & training: European Institute for Innovation and Technology
- R&I to tackle societal challenges: Health, demographic change and well-being
- R&I to tackle societal challenges: Food security, sustainable agriculture and forestry, marine, maritime and inland water research, and the bioeconomy
- R&I to tackle societal challenges: Secure, clean and efficient energy
- R&I to tackle societal challenges: Smart, green and integrated transport
- R&I to tackle societal challenges: Climate action, environment, resource efficiency and raw materials
- R&I to tackle societal challenges: Europe in a changing world Inclusive, innovative and reflective societies
- R&I to tackle societal challenges: Secure societies Protecting freedom and security of Europe and its citizens
- Spreading Excellence and Widening Participation
- Cooperation between science and society: Science with and for Society
- None of the above
- All of the above

\* In which of the following **areas of Horizon Europe** are you or your organisation mainly active / interested in? Please select all that apply (<u>Horizon Europe structure</u>):

- Frontier research: European Research Council
- Researcher training, career development and mobility: Marie Skłodowska-Curie Actions
- European Research Infrastructures
- R&I to tackle global challenges: Health (Cluster 1)
- R&I to tackle global challenges: Culture, creativity and inclusive society (Cluster 2)
- R&I to tackle global challenges: Civil security for society (Cluster 3)
- R&I to tackle global challenges: Digital, industry and space (Cluster 4)
- R&I to tackle global challenges: Climate, energy and mobility (Cluster 5)
- R&I to tackle global challenges: Food, bioeconomy, natural resources, agriculture and environment (Cluster 6)
- Developing and scaling up of breakthrough technologies and game changing innovations: European Innovation Council
- Support systems for innovation: European Innovation Ecosystems
- Entrepreneurial innovation & training: European Institute of Innovation and Technology
- Widening participation & strengthening the European Research Area (widening component)
- Widening participation & strenghtening the European Research Area (ERA component)
- None of the above

# SECTION B. PERFORMANCE OF THE PAST PROGRAMME HORIZON 2020 (INPUT FOR THE HORIZON 2020 EX-POST EVALUATION)

# Your experience with Horizon 2020

According to you, what are the main benefits of participating in Horizon 2020 compared to national and/or regional R&I programmes in EU Member States or Associated countries? Select maximum 3 answers

at most 3 choice(s)

Improved cooperation with partners from other countries (within the EU and beyond)

- Improved excellence in research and innovation (e.g., more high impact publications and patents)
- Improved international visibility
- Strengthened critical mass to address pan-European challenges
- Strengthened cooperation between academia and the private sector
- Strengthened interdisciplinary cooperation
- Additional risk capital provided to companies
- Possibility to finance projects which otherwise could not be supported at national and/or regional level
- Reimbursement of costs at a higher level than in national and/or regional research and innovation programmes
- Horizon 2020 covered a topic not covered by national and regional R&I support
- Horizon 2020 provided financial means at a scale not provided in national and regional schemes
- Horizon 2020 supported the development of emerging technologies
- Horizon 2020 helped to bring innovations to the market
- There are no additional benefits compared to national / regional support

In your view, what are the main reasons that may have prevented potential

beneficiaries from participating in Horizon 2020? Select maximum 3 answers.

at most 3 choice(s)

- Inadequate knowledge of the EU research and innovation framework programme
- Limited attractiveness compared to other European or international programmes
- Limited attractiveness compared to other national or regional programmes
- The Horizon 2020 application process is cumbersome
- The Horizon 2020 project implementation rules are cumbersome
- Success rates in Horizon 2020 are too low to be worth applying
- Difficulties in finding project partners
- Lack of a relevant area/topic for my research interests
- Concerns about sharing valuable knowledge with partners
- Limited financial/human resources to prepare a proposal
- Lack of expertise
- Other

If other, please specify.

# **Priorities and Objectives**

To what extent do you agree with the following statements concerning the objectives of Horizon 2020?

|  | Strongly<br>disagree | Disagree | Neither<br>agree<br>nor<br>disagree | Agree | Strongly<br>agree | l do<br>not<br>know /<br>No<br>opinion |
|--|----------------------|----------|-------------------------------------|-------|-------------------|--|
| Horizon 2020<br>helped develop<br>and implement<br>EU policies<br>(such as the<br>"Europe 2020"<br>strategy) |                      | O        | O                                   | ۲     | O                 | ٢                                      |
| Horizon 2020<br>supported the<br>development of<br>the European<br>Research Area                             | 0                    | 0        | ۲                                   | 0     | 0                 | ۲                                      |
| Horizon 2020<br>fostered<br>excellent science  | 0                    | 0        | 0                                   | 0     | ۲                 | O                                      |
| Horizon 2020<br>spread<br>excellence and<br>widened<br>participation in<br>R&I                               | 0                    | O        | O                                   | ۲     | O                 | O                                      |

| Horizon 2020<br>supported<br>cooperation<br>between<br>science and<br>society | O | © | ۲ | 0 | © | © |
|---|---|---|---|---|---|---|
|---|---|---|---|---|---|---|

To what extent was Horizon 2020 flexible enough to respond to unforeseen emergencies such as the COVID-19 pandemic, Zika, etc.

- Not at all
- Little
- Somewhat
- To a great extent
- I do not know / No opinion

## Implementation and administrative procedures

To what extent do you agree with the following statements concerning the calls for proposals under Horizon 2020?

|   | Strongly<br>disagree | Disagree | Neither<br>agree<br>nor<br>disagree | Agree | Strongly<br>agree | l do<br>not<br>know /<br>No<br>opinion |
|---|----------------------|----------|-------------------------------------|-------|-------------------|--|
| The<br>communication<br>activities to<br>attract<br>applicants were<br>adequate   |                      | O        | ۲                                   | 0     | O                 | ©                                      |
| Gender equality<br>as a cross-<br>cutting issue<br>was effectively<br>implemented | 0                    | ©        | 0                                   | ۲     | ©                 | ©                                      |

| Priority setting<br>(via the work<br>programmes)<br>was adequate                                 | 0 | 0 | 0 | ۲ | 0 | ۲ |
|--|---|---|---|---|---|---|
| The descriptions<br>of the calls for<br>proposals were<br>clear                                  | 0 | ۲ | 0 | 0 | 0 | © |
| There was a<br>good balance<br>between small<br>and large<br>projects                            | 0 | O | ۲ | O | O | © |
| Calls for<br>proposals<br>sufficiently took<br>Social Sciences<br>and Humanities<br>into account |   | 0 | 0 | 0 | ۲ | ۲ |
| The calls for<br>proposals were<br>published<br>frequently<br>enough                             | 0 | 0 | 0 | ۲ | 0 | ٢ |
| Finding the right<br>call for my<br>proposal was<br>easy   | O | ۲ | O | 0 | © | O |

To what extent do you agree with the following statements concerning proposal evaluation under Horizon 2020?

|  | Strongly<br>disagree | Disagree | Neither<br>agree<br>nor<br>disagree | Agree | Strongly<br>agree | l do<br>not<br>know /<br>No<br>opinion |
|--|----------------------|----------|-------------------------------------|-------|-------------------|--|
|--|----------------------|----------|-------------------------------------|-------|-------------------|--|

| The time taken<br>to evaluate<br>proposals was<br>adequate                      | O | O | 0 | O | ۲ | © |
|---|---|---|---|---|---|---|
| The feedback<br>received from<br>the evaluation<br>was clear and<br>informative | 0 | 0 | 0 | ۲ | 0 | ۲ |
| The time taken<br>to sign the grant<br>agreement was<br>adequate                | 0 | 0 | 0 | ۲ | 0 | 0 |

To what extent do you agree with the following statements concerning the project implementation under Horizon 2020?

|  | Strongly<br>disagree | Disagree | Neither<br>agree<br>nor<br>disagree | Agree | Strongly<br>agree | l do<br>not<br>know /<br>No<br>opinion |
|--|----------------------|----------|-------------------------------------|-------|-------------------|--|
| Our organisation'<br>s usual<br>accounting<br>practices were<br>accepted         | 0                    | 0        | 0                                   | 0     | ۲                 | ٢                                      |
| The cost<br>calculation rules<br>were clear                                      | 0                    | ۲        | 0                                   | 0     | 0                 | O                                      |
| The<br>mechanisms for<br>project<br>monitoring and<br>reporting were<br>adequate |                      |          |                                     | 0     | ۲                 | O                                      |

| I am satisfied<br>with the support<br>received by the<br>EC services<br>(including<br>agencies) during<br>grant<br>preparation and<br>implementation | O |   | O | ۲ | © |
|--|---|---|---|---|---|
| The balance<br>between<br>checking and<br>trust in<br>beneficiaries<br>was adequate  | O | O | ۲ | O | © |

Based on your experience, to what extent did the following simplification measures, introduced in Horizon 2020, help reduce your administrative burden?

|  | Not<br>at<br>all | Very<br>little | Administrative<br>burden<br>remained the<br>same | Somewhat | To a<br>great<br>extent | l do<br>not<br>know /<br>No<br>opinion |
|--|------------------|----------------|--|----------|-------------------------|--|
| Using a new<br>funding model<br>with a single<br>reimbursement<br>rate and a single<br>flat rate | 0                | 0              | ۲  | ©        | ۲                       | 0                                      |
| Further use of<br>the two-stage<br>application<br>process (for<br>some<br>programme<br>parts)    | 0                | O              | ۲  | ©        | ۲                       | O                                      |

| Alignment of<br>funding rules<br>applicable to<br>other EU funds                                     | 0 | 0 | O | ۲ | 0 | ٢ |
|--|---|---|---|---|---|---|
| Using an<br>electronic-only<br>grant<br>management<br>system   | ۲ | 0 | O | O | ۲ | ۲ |
| Harmonisation of<br>processes and<br>guidance<br>documents<br>across the<br>programme                | ۲ | 0 | © | ۲ | 0 | O |
| Selected<br>projects are<br>funded as<br>proposed (no<br>negotiation<br>during grant<br>preparation) | ۲ | 0 | O | ۲ | 0 | O |

The effort needed to participate in Horizon 2020 compared to the 7th Framework Programme was:

at most 1 choice(s)

Greater

Similar

Lower

I do not know / No opinion

The effort needed to participate in Horizon 2020 compared to that of other research and innovation programmes was:

at most 1 choice(s)

Greater

Similar

- Lower
- I do not know / No opinion

Approximately, how much time did the proposal preparation for Horizon 2020 take overall? Please indicate the total number of person-days.

at most 1 choice(s)

- Less than 10 person-days
- More than 10 but below 20 person-days
- More than 20 but below 30 person-days
- More than 30 but below 40 person-days
- More than 40 but below 50 person-days
- More than 50 but below 60 person-days
- More than 60 but below 100 person
- More than 100 person-days

Approximately, how much time does your project spend on **managing participation** in Horizon 2020?

# Please indicate the **total number of person-days** spent overall on managing participation?

Approximately [X] person-days in total for a project duration of [X] months.

30 person-days for 36 months

#### Horizon 2020 results

For the period 2018-2020, a number of novelties were introduced to increase the programme's impact. To what extent do you agree with the following statements?

|   | Strongly<br>disagree | Disagree | Neither<br>agree<br>nor<br>disagree | Agree | Strongly<br>Agree | l do<br>not<br>know /<br>No<br>opinion |
|---|----------------------|----------|-------------------------------------|-------|-------------------|--|
| Work<br>programmes<br>were formulated<br>more clearly<br>than in the past | 0                    | ©        | 0                                   | ۲     | 0                 | ©                                      |

| The pilot on<br>lump sum<br>funding<br>simplified<br>participation in<br>the programme  | © | O | © | O | © | ۲ |
|---|---|---|---|---|---|---|
| The introduction<br>of the European<br>Innovation<br>Council Pilot<br>stepped up the<br>support for<br>breakthrough<br>innovations  | © | O | O | ۲ | © | © |
| The<br>identification of<br>a limited number<br>of Focus Areas<br>rationalised the<br>innovation<br>funding<br>landscape  |   | O |   | O | O | ۲ |
| The launch of<br>international<br>flagship<br>initiatives on<br>dedicated topics<br>(e.g., targeted<br>actions with<br>Africa on food<br>and sustainable<br>agriculture)<br>boosted<br>international<br>cooperation | O | O |   |   | O | ۲ |

| The increase of<br>research and<br>innovation<br>investments for<br>sustainable<br>development<br>and climate<br>action (e.g., the<br>Green Deal call<br>for proposals)<br>improved the<br>impact of the<br>programme | ۲ | ٢ | ٢ | ۲ | ٢ | ٢ |
|---|---|---|---|---|---|---|
| The support for<br>open sharing of<br>data and open<br>access to<br>publications was<br>reinforced  | O | O | © | ۲ | © | © |
| Increased focus<br>on Digitalisation<br>improved the<br>impact of the<br>programme  | 0 | 0 | 0 | 0 | 0 | ۲ |
| The research<br>and innovation<br>investment to<br>fight the COVID-<br>19 pandemic<br>(the COVID-19<br>call for<br>proposals)<br>improved the<br>impact of the<br>programme.  | ۲ | O | ۲ | ۲ | O | © |

In your opinion, to what extent have public-private and public-public Partnerships supported by Horizon 2020 been more effective, compared to regular collaborative research in achieving impact for science, the economy and/or society?

at most 1 choice(s)

- Not at all
- To a limited extent
- Neutral
- Somewhat
- To a great extent
- I do not know / No opinion

In your view, to what extent did Horizon 2020 produce the following scientific effects?

|   | Not<br>at<br>all | A<br>little | Neutral | Somewhat | To a<br>great<br>extent | l do<br>not<br>know /<br>No<br>opinion |
|---|------------------|-------------|---------|----------|-------------------------|--|
| Scientific breakthroughs,<br>higher risk research and<br>research in emerging<br>areas of science and<br>technology | ۲                | ۲           | O       | 0        | ۲                       | ۲                                      |
| Improving the skills of<br>Europe's researchers and<br>facilitating the emergence<br>of new researchers             | 0                | 0           | ©       | ۲        | O                       | ©                                      |
| Facilitating cross-sector<br>and cross-border mobility<br>of researchers  | 0                | 0           | O       | 0        | ۲                       | O                                      |
| Reinforced physical and<br>knowledge infrastructures<br>and facilities across the<br>EU                             | 0                | 0           | 0       | ۲        | 0                       | ۲                                      |
| Building R&I capacity in<br>EU countries lagging<br>behind  | 0                | 0           | 0       | ۲        | 0                       | ۲                                      |
| Making Europe more<br>attractive for world class<br>researchers from abroad   | 0                | 0           | ۲       | 0        | ۲                       | ٢                                      |

In your view, to what extent did Horizon 2020 produce the following economic effects?

|   | Not<br>at<br>all | A<br>little | Neutral | Somewhat | To a<br>great<br>extent | l do<br>not<br>know /<br>No<br>opinion |
|---|------------------|-------------|---------|----------|-------------------------|--|
| Opening up new markets for H2020 participants   | 0                | 0           | 0       | 0        | 0                       | ۲                                      |
| Supporting the internationalisation of participating SMEs                                 | 0                | 0           | 0       | 0        | 0                       | ۲                                      |
| Increased availability of<br>equity finance for R&D<br>and innovation-driven<br>companies | 0                | 0           | ©       | 0        | 0                       | ۲                                      |
| Fostering market uptake of European innovations   | O                | 0           | 0       | 0        | 0                       | ۲                                      |
| Improved time-to-market<br>for European<br>manufacturers and<br>service providers         | 0                | 0           | 0       | 0        | 0                       | ۲                                      |
| Fostering sustainability<br>across the entire product-<br>service lifecycle               | 0                | 0           | 0       | O        | 0                       | ۲                                      |
| Digitalising the industry and the economy   | 0                | 0           | 0       | O        | 0                       | ۲                                      |
| Producing new and better<br>product-service offerings<br>addressing customer<br>needs     | 0                | 0           | 0       | 0        | 0                       | ۲                                      |
| Creating smart global<br>value chains that enable<br>value capture in Europe              | 0                | 0           | 0       | ©        | 0                       | ۲                                      |
| Increased availability of debt  | 0                | 0           | 0       | 0        | ۲                       | ۲                                      |

In your view, to what extent did Horizon 2020 produce the following societal effects?

|  | Not<br>at<br>all | A<br>little | Neutral | Somewhat | To a<br>great<br>extent | l do<br>not<br>know /<br>No<br>answer |
|--|------------------|-------------|---------|----------|-------------------------|---------------------------------------|
| Improving the lifelong<br>health and well-being of<br>all  | 0                | ٢           | 0       | ©        | ۲                       | O                                     |
| Securing sufficient<br>supplies of safe, healthy<br>and high-quality food  | O                | 0           | 0       | O        | O                       | ۲                                     |
| Supporting the transition<br>to a reliable, affordable,<br>publicly accepted,<br>sustainable and<br>competitive energy<br>system                       | ©                | O           | ©       | ©        | 0                       | ۲                                     |
| Fostering smart, green and integrated transport  | ۲                | ۲           | 0       | O        | 0                       | ۲                                     |
| Fostering a greater<br>understanding of Europe,<br>providing solutions and<br>supporting inclusive,<br>innovative and reflective<br>European societies | ©                | 0           | ©       | ©        | 0                       | ۲                                     |
| Fostering secure and<br>inclusive European<br>societies while<br>contributing to upholding<br>fundamental rights                                       | 0                | 0           | 0       | ©        | 0                       | ۲                                     |
| Engaging with wider<br>society to build effective<br>cooperation between<br>science and society  | 0                | 0           | 0       | 0        | ٢                       | ۲                                     |

How did the following EU programmes work in synergy (complement and reinforce) Horizon 2020?

|   | No<br>synergies<br>exploited | Few<br>synergies<br>exploited | Several<br>synergies<br>exploited | Synergies<br>fully<br>exploited | l do<br>not<br>know /<br>No<br>opinion |
|---|------------------------------|-------------------------------|-----------------------------------|---------------------------------|--|
| European Structural<br>and Investment<br>Funds (ESIF)   | 0                            | 0                             | ۲                                 | O                               | 0                                      |
| European Fund for<br>Strategic<br>Investments (EFSI)  | 0                            | O                             | 0                                 | O                               | ۲                                      |
| Programme for<br>Competitiveness of<br>Enterprises and<br>small and medium-<br>sized enterprises<br>(COSME) | 0                            | O                             | ۲                                 | O                               | ۲                                      |
| Erasmus+  | ۲                            | ۲                             | ۲                                 | ۲                               | 0                                      |
| LIFE - Programme<br>for Environment<br>and Climate Action   | 0                            | 0                             | ۲                                 | O                               | 0                                      |
| Common<br>Agricultural Policy<br>(CAP)  | 0                            | 0                             | 0                                 | O                               | ۲                                      |
| Connecting Europe<br>Facility (CEF)   | 0                            | 0                             | ©                                 | O                               | ۲                                      |

To what extent have the following initiatives helped disseminate, exploit and access research and innovation results?

|                           | Not<br>at all | A<br>little | Somewhat | To a great<br>extent | l do not know /<br>No opinion |
|---------------------------|---------------|-------------|----------|----------------------|-------------------------------|
| Scientific publication(s) | 0             | 0           | ©        | ۲                    | 0                             |
| Patent filing             | 0             | 0           | ۲        | O                    | 0                             |

| Horizon<br>Dashboard        | 0 | O | ۲ | 0 | 0 |
|-----------------------------|---|---|---|---|---|
| Horizon Results<br>Booster  | 0 | O | ۲ | O | O |
| Horizon Results<br>Platform | 0 | O | 0 | ۲ | O |
| CORDIS                      | 0 | 0 | ۲ | 0 | ۵ |
| Innovation Radar            | 0 | 0 | 0 | 0 | ۲ |
| IPR Helpdesk                | 0 | ۲ | 0 | 0 | ۲ |
| Project website             | 0 | ۲ | ۲ | 0 | ۵ |
| Social media                | 0 | ۲ | ۲ | 0 | 0 |
| Workshops,<br>events, etc.  | ۲ | 0 | ۲ | 0 | 0 |
| Other                       | O | ۲ | 0 | O | 0 |

If other, please specify.

What (would have) happened to your research and innovation project(s), without European-level funding through Horizon 2020?

My project(s) would be:

- Funded by a **public** source at national or regional level, without any major changes in scope, duration or level of ambition
- Funded by a private source at national or regional level, without any major changes in scope, duration or level of ambition
- Funded (by either a public or private source), but with a substantial reduction in scope, duration or level of ambition
- No funding secured (by either a public or private source), but would have taken place later
- No funding secured, and would not have taken place at all
- Likely funded, at least to some extent, through other sources but without/ with r educed cooperation with partners from other countries

Likely funded, at least to some extent, through other sources but without/ with reduced **interdisciplinary cooperation** 

- Likely funded, at least to some extent, through other sources but with reduced international visibility of research and/or research team
- Funded by another EU programme, without any major changes in scope, duration or level of ambition
- Another scenario.

If other, please specify.

What has happened to your project since the end of the grant?

- The project results have contributed to opening a new stream of research in the institution
- The project results have been/will be used in other (follow-up) projects
- The project results have been/will be commercialised (i.e., used to create new products and/or services)
- The project results have been/will be used to improve available products or services
- No further activities
- Other

If other, please specify.

# SECTION C. PERFORMANCE OF HORIZON EUROPE (INPUT FOR THE HORIZON EUROPE INTERIM EVALUATION)

#### Your experience with Horizon Europe

According to you, what are the main benefits of participating in Horizon Europe compared to national and/or regional R&I programmes in EU Member States or Associated countries? Select maximum 3 answers

at most 3 choice(s)

Improved cooperation with partners from other countries (within the EU and beyond)

Improved excellence in research and innovation (e.g., more high impact publications and patents)

- Improved international visibility
- Strengthened critical mass to address pan-European challenges
- Strengthened cooperation between academia and the private sector
- Strengthened interdisciplinary cooperation
- Additional risk capital provided to companies
- Possibility to finance projects which otherwise could not be supported at national and/or regional level
- Reimbursement of costs at a higher level than in national and/or regional research and innovation programmes
- Horizon Europe covered a topic not covered by national and regional R&I support
- Horizon Europe provided financial means at a scale not provided in national and regional schemes
- Horizon Europe supported the development of emerging technologies
- Horizon Europe helped to bring innovations to the market
- There are no additional benefits compared to national / regional support

In your view, what are the main reasons that may have prevented potential

beneficiaries from participating in Horizon Europe? Select maximum 3 answers.

at most 3 choice(s)

- Inadequate knowledge of the EU research and innovation framework programme
- Limited attractiveness compared to other European or international programmes
- Limited attractiveness compared to other national or regional programmes
- The Horizon Europe application process is cumbersome
- The Horizon Europe project implementation rules are cumbersome
- Success rates in Horizon Europe are too low to be worth applying
- Difficulties in finding project partners
- Lack of a relevant area/topic for my research interests
- Concerns about sharing valuable knowledge with partners
- Limited financial/human resources to prepare a proposal
- Lack of expertise
- Other

If other, please specify.

# **Priorities and Objectives**

In your view, to what extent do the following changes, introduced in Horizon Europe, contribute to strengthening the impact of European research and innovation?

|   | Not<br>at<br>all | A<br>little | Does not<br>make a<br>difference | Somewhat | To a<br>great<br>extent | l do<br>not<br>know /<br>No<br>opinion |
|---|------------------|-------------|----------------------------------|----------|-------------------------|--|
| Definition of the future<br>R&I priorities through a<br>co-creation process<br>with stakeholders    | 0                | 0           | O                                | O        | ۲                       | O                                      |
| Development of<br>several multi-annual<br>Strategic Plans   | 0                | O           | 0                                | 0        | ۲                       | ©                                      |
| Creation of a pillar<br>dedicated to<br>innovation, including<br>the European<br>Innovation Council | 0                | ۲           | ٢                                | ۲        | 0                       | ۲                                      |
| Creation of "EU<br>Missions"  | 0                | 0           | 0                                | ۲        | 0                       | ۲                                      |
| Creation of a pillar<br>grouping societal and<br>industrial issues                                  | 0                | 0           | 0                                | 0        | 0                       | ۲                                      |
| New approach to<br>Partnerships (co-<br>programmed, co-<br>funded and<br>institutionalised)         | 0                | ۲           | ٢                                | 0        | 0                       | O                                      |
|   |                  |             |                                  |          |                         |  |

| Implementation of an open science policy                            | ۲ | ۲ | 0 | 0 | ۲ | ٢ |
|---|---|---|---|---|---|---|
| Introduction of the<br>impact logic in the<br>formulation of topics | O | O | 0 | ۲ | 0 | O |

# Implementation and administrative procedures

To what extent do you agree with the following statements concerning the calls for proposals under Horizon Europe?

|   | Strongly<br>disagree | Disagree | Neither<br>agree<br>nor<br>disagree | Agree | Strongly<br>agree | l do<br>not<br>know /<br>No<br>opinion |
|---|----------------------|----------|-------------------------------------|-------|-------------------|--|
| The rules of participation are clear  | 0                    | ۲        | 0                                   | O     | 0                 | O                                      |
| The descriptions<br>of the calls for<br>proposals are<br>clear  | 0                    | ۲        | 0                                   | 0     | 0                 | ©                                      |
| Finding the right call for my proposal is easy  | 0                    | ۲        | 0                                   | 0     | 0                 | ۲                                      |
| The calls for<br>proposals are<br>frequent enough   | 0                    | 0        | 0                                   | ۲     | 0                 | O                                      |
| There is an<br>adequate mix of<br>calls for<br>proposals<br>addressing<br>specific topics<br>(top-down) and<br>calls for<br>proposals<br>without a pre- |                      | ۲        | 0                                   | 0     | O                 | O                                      |

| defined topic<br>(bottom-up)   |   |   |   |   |   |   |
|--|---|---|---|---|---|---|
| The<br>strengthened<br>gender equality<br>provisions bear<br>potential to<br>promote gender<br>equality across<br>R&I<br>organisations<br>and activities | ٢ | ٢ | ٢ | ۲ | ۲ | O |
| The standard<br>application form<br>facilitates the<br>application   | 0 | 0 | 0 | ۲ | 0 | 0 |
| The IT tool is user-friendly   | 0 | 0 | 0 | ۲ | 0 | O |
| The reduced<br>page limit for<br>proposals<br>reduces the<br>burden on<br>applicants   | ۲ | ۲ | O | 0 | ۲ | O |
| The feedback<br>received on<br>rejected<br>proposals and<br>the re-<br>submissions<br>rules are clear  |   | O | O | ۲ | O | ٢ |

To what extent do you agree with the following statements concerning proposal evaluation under Horizon Europe?

| Strongly<br>disagree | Disagree | Neither<br>agree<br>nor<br>disagree | Agree | Strongly<br>agree | l do<br>not<br>know /<br>No<br>opinion |  |
|----------------------|----------|-------------------------------------|-------|-------------------|--|--|
|----------------------|----------|-------------------------------------|-------|-------------------|--|--|

| The time taken<br>to evaluate<br>proposals is<br>adequate                      | 0 | 0 | 0 | 0 | ۲ | 0 |
|--|---|---|---|---|---|---|
| The feedback<br>received from<br>the evaluation is<br>clear and<br>informative |   | 0 | 0 | ۲ | 0 | ۲ |
| The time taken<br>to sign the grant<br>agreement is<br>adequate                | 0 | 0 | 0 | ۲ | 0 | 0 |

To what extent do you agree with the following statements concerning the project implementation under Horizon Europe?

|   | Strongly<br>disagree | Disagree | Neither<br>agree<br>nor<br>disagree | Agree | Strongly<br>agree | l do<br>not<br>know /<br>No<br>opinion |
|---|----------------------|----------|-------------------------------------|-------|-------------------|--|
| Our organisation'<br>s usual<br>accounting<br>practices were<br>accepted        | 0                    | 0        | 0                                   | 0     | ۲                 | ۲                                      |
| The cost<br>calculation rules<br>are clear                                      | 0                    | ۲        | 0                                   | 0     | 0                 | O                                      |
| The<br>mechanisms for<br>project<br>monitoring and<br>reporting are<br>adequate | 0                    | ۲        | 0                                   | 0     | 0                 | ۲                                      |
| I am satisfied<br>with the support<br>received by the                           |                      |          |                                     |       |                   |  |

| EC services<br>(including<br>agencies) during<br>grant<br>preparation and<br>implementation    |   | O |   | ۲ | O | O |
|--|---|---|---|---|---|---|
| The standard<br>templates<br>facilitate project<br>reporting                                   | 0 | 0 | 0 | ۲ | 0 | © |
| The extension of<br>the single audit<br>principle<br>reduces the<br>burden on<br>beneficiaries |   | 0 | O | 0 | ۲ | O |
| The use of lump<br>sum funding<br>reduces the<br>burden on<br>beneficiaries                    | 0 | ۲ | 0 | 0 | 0 | © |

What is your level of satisfaction with the way the European Commission implements the following types of support under Horizon Europe?

|   | Very<br>dissatisfied | Dissatisfied | Neutral | Satisfied | Very<br>satisfied | I do<br>not<br>know<br>/ I<br>have<br>not<br>used<br>it |
|---|----------------------|--------------|---------|-----------|-------------------|---|
| Grants for<br>collaborative<br>projects         | 0                    | 0            | 0       | ۲         | 0                 | 0   |
| Grants for<br>single<br>beneficiary<br>projects | 0                    | 0            | 0       | 0         | ۲                 | 0   |

| Blended<br>finance<br>(grants and<br>equity<br>support) | © | © | © | © | © | ۲ |
|---|---|---|---|---|---|---|
| Public<br>procurement                                   | O | O | 0 | O | 0 | ۲ |
| Prizes  | 0 | 0 | 0 | 0 | 0 | ۲ |
| Co-funding<br>(e.g.,<br>European<br>Partnerships)       | 0 | 0 | ۲ | 0 | ۲ | O |
| Technical assistance                                    | 0 | 0 | 0 | 0 | 0 | ۲ |
| Support for networking                                  | O | O | 0 | O | 0 | ۲ |
| Training and<br>expert<br>advice                        | 0 | 0 | 0 | 0 | O | ۲ |
| EU Missions   | O | O | ۲ | O | 0 | 0 |

Do you think the different types of support made available by Horizon Europe are suitable for your needs?

- Not at all
- Scarcely
- Neutral
- Largely
- Perfectly
- I do not know / No opinion

#### Why? What else would you need from Horizon Europe?

Specific solutions to allow streamline participation from IGOs would be welcome; overall bigger support to RIs and Data Infrastructures is needed; on translational access to RIs, a balanced mix between calls for proposals addressing specific topics (top-down) and calls for proposals without a pre-defined topic (bottom-up)

The effort needed to participate in Horizon Europe compared to Horizon 2020 is:

at most 1 choice(s)

Greater

Similar

Lower

I do not know / No opinion

The effort needed to participate in Horizon Europe compared to that of other similar international research and innovation programmes was:

at most 1 choice(s)

Greater

Similar

Lower

I do not know / No opinion

Approximately, how much time did the proposal preparation for Horizon Europe take overall? Please indicate the total number of person-days.

at most 1 choice(s)

- Less than 10 person-days
- More than 10 but below 20 person-days
- More than 20 but below 30 person-days
- More than 30 but below 40 person-days

More than 40 but below 50 person-days

- More than 50 but below 60 person-days
- More than 60 but below 100 person
- More than 100 person-days

Approximately, how much time does your project spend on **managing participation** in Horizon 2020?

Please indicate the **total number of person-days** spent overall on managing participation?

Approximately [X] person-days in total for a project duration of [X] months.

30 person-days for 36 months

How can the administrative burden for applicants and participants be further reduced (regarding application process, reporting requirements, cost calculation etc.)?

flat-rate funding would facilitate the administrative burden on participants

#### **Progress towards achieving Horizon Europe objectives**

To what extent do you agree that Horizon Europe is on track to deliver on the following objectives?

|   | Strongly<br>disagree | Disagree | Neither<br>agree<br>nor<br>disagree | Agree | Strongly<br>agree | l do<br>not<br>know /<br>No<br>opinion |
|---|----------------------|----------|-------------------------------------|-------|-------------------|--|
| Develop,<br>promote and<br>advance<br>scientific<br>excellence  | 0                    | 0        | 0                                   | ۲     | 0                 | ۲                                      |
| Support the<br>creation and<br>diffusion of high-<br>quality<br>fundamental or<br>applied<br>knowledge,<br>skills,<br>technologies<br>and innovations | ۲                    | ۲        | ۲                                   | ۲     | ۲                 | ۲                                      |
| Support training<br>and mobility of<br>researchers and<br>attract talents   | 0                    | 0        | 0                                   | ۲     | 0                 | ۲                                      |
| Strengthen the<br>impact of R&I in<br>developing,<br>supporting and<br>implementing<br>Union policies   | ۲                    | ۲        | ۲                                   | 0     | ۲                 | ۲                                      |
|   |                      |          |                                     |       |                   |  |

| Support the<br>access to and<br>uptake of<br>innovative<br>solutions in<br>European<br>industry and in<br>society to<br>address global<br>challenges,<br>including climate<br>change and the<br>SDGs |   |   | ۲ |   | © | ٢ |
|--|---|---|---|---|---|---|
| Foster all forms<br>of innovation,<br>including<br>breakthrough<br>innovation and<br>social innovation   | O | © | ۲ | 0 | © | O |
| Facilitate<br>technological<br>development,<br>demonstration<br>and knowledge<br>and technology<br>transfer  | © | O | ۲ | 0 | O | © |
| Strengthen<br>deployment and<br>exploitation of<br>innovative<br>solutions   | 0 | 0 | ۲ | 0 | 0 | O |
| Strengthen and<br>increase the<br>impact and<br>attractiveness of<br>the European<br>Research Area   |   | O | ۲ | 0 | 0 | O |
| Fostering<br>excellence  |   |   |   |   |   |   |

| based<br>participation<br>from all Member<br>States, including<br>low R&I<br>performing<br>countries |  | O |  | ۲ | O | © |  |
|--|--|---|--|---|---|---|--|
|--|--|---|--|---|---|---|--|

To what extent do you agree that the implementation so far of EU Missions is on track to deliver on their objectives?

|   | Strongly<br>disagree | Disagree | Neither<br>agree<br>nor<br>disagree | Agree | Strongly<br>agree | l do<br>not<br>know /<br>no<br>opinion |
|---|----------------------|----------|-------------------------------------|-------|-------------------|--|
| Adaptation to climate change  | 0                    | 0        | 0                                   | 0     | 0                 | ۲                                      |
| Prevention, cure<br>and solutions for<br>cancer                       | 0                    | 0        | 0                                   | ۲     | 0                 | 0                                      |
| Restoring<br>healthy oceans,<br>seas, coastal<br>and inland<br>waters | 0                    | 0        | 0                                   | ۲     | 0                 | O                                      |
| Climate-neutral and smart cities                                      | 0                    | 0        | 0                                   | 0     | 0                 | ۲                                      |
| A Soil Deal for<br>Europe   | 0                    | 0        | ۲                                   | 0     | 0                 | 0                                      |

If you would like to elaborate, please add a comment below.

Compared to Horizon 2020, the use of public-public and public-private partnerships has been streamlined with fewer but more impact-oriented partnerships, which can take three forms: co-funded, co-programmed and institutionalised European Partnerships. To what extent do you agree with the following statements?

|  | Strongly<br>disagree | Disagree | Neither<br>agree<br>nor<br>disagree | Agree | Strongly<br>agree | l do<br>not<br>know /<br>No<br>opinion |
|--|----------------------|----------|-------------------------------------|-------|-------------------|--|
| The<br>rationalisation of<br>European<br>Partnerships<br>has allowed<br>additional public<br>and private<br>investments in<br>research and<br>innovation to be<br>leveraged  |                      | ۲        | ۲                                   | O     | ۲                 | ۲                                      |
| The<br>rationalisation of<br>European<br>Partnerships<br>has led to<br>delivering more<br>solutions for the<br>benefits of<br>society, the<br>environment<br>and the economy |                      | O        | ۲                                   | O     | O                 | O                                      |

In your opinion, to what extent are European Partnerships and EU Missions supported by Horizon Europe effective compared to regular collaborative research projects in achieving Horizon Europe's objectives?

|                          | Not<br>at all | A<br>little | Neutral | Somewhat | To a<br>great<br>extent | l do not<br>know / No<br>opinion |
|--------------------------|---------------|-------------|---------|----------|-------------------------|----------------------------------|
| European<br>Partnerships | 0             | O           | ۲       | O        | 0                       | 0                                |
| EU Missions              | 0             | $\odot$     | ۲       | ۲        | ۲                       | 0                                |

According to you, to what extent is your research or innovation project impacted by the exceptional limitations on participation in Horizon Europe by non-EU legal entities (justified to safeguard the Union's strategic assets, interests, autonomy or security)?

- Not at all
- A little
- Somewhat
- To a great extent
- I do not know / No opinion

How did the following EU programmes work in synergy (complement and reinforce) Horizon Europe?

|  | No<br>synergies<br>exploited | Few<br>synergies<br>exploited | Several<br>synergies<br>exploited | Synergies<br>fully<br>exploited | l do<br>not<br>know /<br>No<br>opinion |
|--|------------------------------|-------------------------------|-----------------------------------|---------------------------------|--|
| Common<br>Agricultural Policy<br>(CAP)                             | 0                            | 0                             | 0                                 | 0                               | ۲                                      |
| LIFE - Programme<br>for Environment<br>and Climate Action          | 0                            | 0                             | ۲                                 | 0                               | ©                                      |
| European Maritime,<br>Fisheries and<br>Aquaculture Fund<br>(EMFAF) | 0                            | 0                             | 0                                 | O                               | ۲                                      |
| Creative Europe<br>Programme                                       | 0                            | 0                             | 0                                 | O                               | ۲                                      |
| European Social<br>Fund Plus (ESF)+                                | 0                            | 0                             | 0                                 | 0                               | ۲                                      |
| Erasmus +  | 0                            | 0                             | ۲                                 | 0                               | 0                                      |
| European Regional<br>Development Fund<br>(ERDF)                    | 0                            | 0                             | ۲                                 | 0                               | 0                                      |
|  |                              |                               |                                   |                                 |  |

| Just Transition<br>Mechanism   | © | © | © | © | ۲ |
|--|---|---|---|---|---|
| Recovery and<br>Resilience Facility  | 0 | 0 | ۲ | 0 | 0 |
| EU4Health<br>Programme   | 0 | 0 | O | ۲ | 0 |
| Connecting Europe<br>Facility (CEF)  | 0 | 0 | 0 | 0 | ۲ |
| Digital Europe<br>Programme (DEP)  | 0 | 0 | O | ۲ | 0 |
| Single Market<br>Programme   | 0 | 0 | 0 | 0 | ۲ |
| InvestEU   | 0 | 0 | 0 | 0 | ۲ |
| Innovation Fund<br>under the Emission<br>Trading Scheme  | O | 0 | 0 | O | ۲ |
| Union Space<br>Programme   | 0 | O | 0 | O | ۲ |
| Neighbourhood,<br>Development and<br>International<br>Cooperation<br>Instrument (NDICI)<br>and the Instrument<br>for Pre-accession<br>Assistance (IPA III) | © | O | O | © | ۲ |
| Internal Security<br>Fund (ISF)  | © | © | © | © | ۲ |
| Border<br>Management and<br>Visa Instrument<br>(BMVI)  | 0 | 0 | 0 | 0 | ۲ |
| European Defence<br>Fund   | 0 | ۲ | 0 | 0 | ۲ |
|  |   |   |   |   |   |

| Euratom Research | $\odot$ | $\odot$ | $\odot$ | $\odot$ | ۲ |
|------------------|---------|---------|---------|---------|---|
| and Training     |         |         |         |         |   |
| Programme        |         |         |         |         |   |

To what extent have the following initiatives helped disseminate, exploit and access research and innovation results?

|   | Not<br>at<br>all | A<br>little | Somewhat | To a<br>great<br>extent | l do not<br>know / No<br>opinion |
|---|------------------|-------------|----------|-------------------------|----------------------------------|
| Scientific publication(s)                               | 0                | 0           | ۲        | ۲                       | 0                                |
| Patent filing   | 0                | 0           | ۲        | 0                       | 0                                |
| Horizon Dashboard                                       | 0                | 0           | ۲        | 0                       | 0                                |
| Horizon Results Booster                                 | 0                | 0           | ۲        | 0                       | 0                                |
| Horizon Results Platform                                | 0                | 0           | 0        | ۲                       | 0                                |
| CORDIS  | 0                | ۲           | ۲        | 0                       | 0                                |
| Innovation Radar  | 0                | 0           | 0        | 0                       | ۲                                |
| IPR Helpdesk  | 0                | 0           | ۲        | 0                       | 0                                |
| Project website   | ۲                |             | 0        | 0                       | 0                                |
| Social media  | 0                | ۲           | 0        | 0                       | 0                                |
| Workshops, events, etc.                                 | 0                |             | ۲        | 0                       | 0                                |
| Open science activities for<br>early sharing of results | 0                | O           | ۲        | O                       | 0                                |
| Horizon Standardization<br>Booster                      | O                | 0           | 0        | 0                       | ۲                                |
| Other   | 0                | 0           | 0        | 0                       | 0                                |

If other, please specify.

What (would have) happened to your research and innovation project(s), without European-level funding through Horizon Europe?

My project(s) would be:

- Funded by a **public** source at national or regional level, without any major changes in scope, duration or level of ambition
- Funded by a private source at national or regional level, without any major changes in scope, duration or level of ambition
- Funded (by either a public or private source), but with a substantial reduction in scope, duration or level of ambition
- No funding secured (by either a public or private source), but would have taken place later
- No funding secured, and would **not have taken place at all**
- Likely funded, at least to some extent, through other sources but without/ with r educed cooperation with partners from other countries
- Likely funded, at least to some extent, through other sources but without/ with reduced interdisciplinary cooperation
- Likely funded, at least to some extent, through other sources but with reduced international visibility of research and/or research team
- Funded by another EU programme, without any major changes in scope, duration or level of ambition
- Another scenario.

If other, please specify.

# SECTION D. LOOKING INTO THE R&I FUTURE PRIORITIES (INPUT FOR THE HORIZON EUROPE STRATEGIC PLAN 2025 - 2027)

The Horizon Europe strategic plan defines the strategic orientations for research and innovation investments for a period of up to four years.

It focuses on the six thematic Clusters of Horizon Europe, which cover the following areas respectively:

- Health (Cluster 1)
- <u>Culture, Creativity and Inclusive Society (Cluster 2)</u>
- <u>Civil Security for Society (Cluster 3)</u>
- Digital, Industry and Space (Cluster 4)
- Climate, Energy and Mobility (Cluster 5)
- Food, Bioeconomy, Natural Resources, Agriculture and Environment (Cluster 6)

The <u>first Horizon Europe strategic plan</u> covers the period 2021-2024. You can find more information about the Strategic Plan 2021-2024 in the following <u>factsheet.</u>

## The societal challenges

Name the most important R&I solution that would help you in your life over the next 10 years.

In the next **ten years**, which societal challenges should be the focus of EU investments for research and innovation activities?

|  | Not a priority | Low<br>priority | Medium<br>priority | High<br>priority | Essential | l do<br>not<br>know |
|--|----------------|-----------------|--------------------|------------------|-----------|---------------------|
| Climate change   | 0              | 0               | 0                  | 0                | ۲         | 0                   |
| Loss of biodiversity   | 0              | 0               | 0                  | 0                | ۲         | 0                   |
| Energy supply  | 0              | 0               | 0                  | 0                | ۲         | ۲                   |
| Migration flows  | 0              | 0               | 0                  | 0                | 0         | ۲                   |
| Social justice   | 0              | 0               | 0                  | 0                | 0         | ۲                   |
| Strained healthcare<br>systems and ageing<br>European population                     | 0              | O               | 0                  | ۲                | 0         | O                   |
| Global competition for<br>technological<br>leadership                                | ۲              | 0               | 0                  | 0                | 0         | ۲                   |
| Global instability and<br>EU societal<br>preparedness for<br>large-scale disruptions | 0              | O               | 0                  | 0                | 0         | ۲                   |
| Other  | 0              | 0               | 0                  | 0                | 0         | 0                   |

In the next **three years**, which societal challenges should be the focus of EU investments for research and innovation activities?

|                | Not a<br>priority | Low<br>priority | Medium<br>priority | High<br>priority | Essential | l do<br>not<br>know |
|----------------|-------------------|-----------------|--------------------|------------------|-----------|---------------------|
| Climate change | 0                 | $\odot$         | 0                  |                  | ۲         | ۲                   |
|                |                   |                 |                    |                  |           |                     |

| Loss of biodiversity   | $\odot$ | $\odot$ | 0 | O | ۲ | ۲ |
|--|---------|---------|---|---|---|---|
| Energy supply  | 0       | 0       | 0 | 0 | 0 | ۲ |
| Migration flows  | 0       | 0       | 0 | 0 | 0 | ۲ |
| Social justice   | 0       | 0       | 0 | 0 | 0 | ۲ |
| Strained healthcare<br>systems and ageing<br>European population                     | 0       | O       | 0 | ۲ | 0 | 0 |
| Global competition for<br>technological<br>leadership                                | O       | O       | 0 | O | 0 | ۲ |
| Global instability and<br>EU societal<br>preparedness for<br>large-scale disruptions | 0       | O       | 0 | 0 | 0 | ۲ |
| Other  | O       | 0       | 0 | ۲ | 0 | ۲ |

## Please feel free to add further comments to your selection.

Increase fundamental research in support of human health; Molecular life sciences are essential in developing new knowledge and innovations for mitigating the impact of human action on the natural world

In your opinion, which Horizon Europe Cluster(s) contributes(s) to addressing the societal challenges?

|   | Cluster<br>1 -<br><b>Health</b> | Cluster 2 -<br>Culture,<br>Creativity and<br>Inclusive<br>Society | Cluster 3<br>- Civil<br>security<br>for<br>society | Cluster 4 -<br>Digital,<br>Industry<br>and Space | Cluster 5 -<br>Climate,<br>Energy<br>and<br>Mobility | Cluster 6 - Food,<br>Bioeconomy, Natural<br>Resources, Agriculture<br>and Environment |
|---|---------------------------------|---|--|--|--|---|
| Climate change  |                                 |   |  |  |  |   |
| Energy supply   |                                 |   |  |  |  |   |
| Migration flows   |                                 |   |  |  |  |   |
| Social justice  |                                 |   |  |  |  |   |
| Loss of biodiversity  | <b>V</b>                        |   |  |  |  |   |
| Strained healthcare<br>systems and ageing<br>European population                      | V                               |   |  |  |  |   |
| Global competition for technological leadership                                       |                                 |   |  |  |  |   |
| Global instability and<br>EU societal<br>preparedness for large-<br>scale disruptions |                                 |   |  |  |  |   |
| Other   |                                 |   |  |  |  |   |

Are there European scientific areas of strengths or weaknesses which should be prioritised in Horizon Europe to keep Europe at the forefront of international scientific competition?

- Sustained support to the European Research Infrastructures landscape
- Additional funding towards fundamental research programmes such as the ERC and MSCA is required, as proven by successful applications which cannot be funded in the absence of sufficient funds
- Training the next generation of scientists should be prioritised to ensure Europe has the potential to remain competitive at international level

### **Expected impacts across the six Clusters**

In your view, for which expected impacts under Cluster 1 (Health) is EU support more impactful than national and/or regional support alone?

|  | Not<br>at<br>all | Slightly | Somewhat | Moderately | Extremely | l do<br>not<br>know /<br>No<br>opinion |
|--|------------------|----------|----------|------------|-----------|--|
| Staying<br>healthy in a<br>rapidly<br>changing<br>society                            | O                | ©        | ©        | ۲          | 0         | ©                                      |
| Living and<br>working in a<br>health-<br>promoting<br>environment                    | ٢                | ۲        | ©        | ۲          | 0         | ۲                                      |
| Tackling<br>diseases and<br>reducing their<br>burden                                 | 0                | O        | 0        | 0          | ۲         | ۲                                      |
| Ensuring<br>access to<br>innovative,<br>sustainable &<br>high-quality<br>health care | 0                | 0        | 0        | ۲          | O         | O                                      |

| Unlocking the<br>full potential of<br>new tools,<br>technologies<br>and digital<br>solutions for a<br>healthy society |   |   | ۲ | O | ۲ | © |
|---|---|---|---|---|---|---|
| Maintaining an<br>innovative,<br>sustainable<br>and globally<br>competitive<br>health-related<br>industry             | O | © | © | ۲ | © | © |

Please feel free to specify any other area missing from the list above.

Fundamental research underpins all these areas, and should be recognised for its key impact.

In your view, for which expected impacts under Cluster 6 (Food, bioeconomy, natural resources, agriculture and environment) is EU support more impactful than national and/or regional support alone?

|  | Not<br>at<br>all | Slightly | Somewhat | Moderately | Extremely | l do<br>not<br>know/<br>No<br>opinion |
|--|------------------|----------|----------|------------|-----------|---------------------------------------|
| Climate<br>neutrality and<br>adaptation to<br>climate change               | 0                | O        | ۲        | ©          | 0         | O                                     |
| Preservation<br>and<br>restoration of<br>biodiversity<br>and<br>ecosystems | ۲                | O        | ©        | ©          | ۲         | O                                     |
| Sustainable and circular   |                  |          |          |            |           |                                       |

| management<br>of natural<br>resources;<br>tackling<br>pollution;<br>bioeconomy                           | 0 |   | ۲ | ۲ | ۲ | 0 |
|--|---|---|---|---|---|---|
| Food and<br>nutrition<br>security for all<br>from<br>sustainable<br>food systems<br>from farm to<br>fork | 0 | © | © | O | ۲ | O |
| Balanced<br>development<br>of rural,<br>coastal and<br>urban areas                                       | 0 | 0 | ۲ | ۲ | ۲ | ۲ |
| Innovative<br>governance<br>models<br>enabling<br>sustainability,<br>environmental<br>observation        | 0 | O | © | ۲ | O | O |

Please feel free to specify any other area missing from the list above.

How familiar are you with the strategic planning process for Horizon Europe?

- Not at all
- Slightly
- Somewhat
- Moderately
- Extremely

## Synergies and complementarities

Compared to the S<u>trategic Plan 2021-2024</u>, do you see any unexploited potential for complementarities between different clusters?

|   | Cluster<br>1 -<br><b>Health</b> | Cluster 2<br>- Culture,<br>Creativity<br>and<br>Inclusive<br>Society | Cluster<br>3 - Civil<br>security<br>for<br>society | Cluster<br>4 -<br>Digital,<br>Industry<br>and<br>Space | Cluster<br>5 -<br>Climate,<br>Energy<br>and<br>Mobility | Clus<br>Fo<br>Bioeco<br>Nat<br>Reso<br>Agric<br>a<br>Enviro |
|---|---------------------------------|--|--|--|---|---|
| Cluster 1 -<br><b>Health</b>  |                                 |  |  |  |   |   |
| Cluster 2 -<br>Culture,<br>Creativity<br>and<br>Inclusive<br>Society                              |                                 |  |  |  |   |   |
| Cluster 3 -<br>Civil security<br>for society  |                                 |  |  |  |   |   |
| Cluster 4 -<br>Digital,<br>Industry and<br>Space  |                                 |  |  |  |   |   |
| Cluster 5 -<br>Climate,<br>Energy and<br>Mobility   | Ø                               |  |  |  |   |   |
| Cluster 6 -<br>Food,<br>Bioeconomy,<br>Natural<br>Resources,<br>Agriculture<br>and<br>Environment | <b>V</b>                        |  |  |  |   |   |

Complementarities between clusters 1 and 6 are essential as EU funding helps develop new knowledge and innovations towards the sustainability of human action on the natural world.

Do you see any unexploited potential for complementarities between the six clusters and the other parts of Horizon Europe?

|  | Cluster<br>1 -<br><b>Health</b> | Cluster 2 -<br>Culture,<br>Creativity and<br>Inclusive<br>Society | Cluster 3<br>- Civil<br>security<br>for<br>society | Cluster 4 -<br>Digital,<br>Industry<br>and<br>Space | Cluster 5 -<br>Climate,<br>Energy<br>and<br>Mobility | Cluster 6 - Food,<br>Bioeconomy, Natural<br>Resources, Agriculture<br>and Environment | l do<br>not<br>know |
|--|---------------------------------|---|--|---|--|---|---------------------|
| Pillar I - Marie<br>Skłodowska-<br>Curie Actions<br>(MSCA) | 7                               |   |  |   |  | V   |                     |
| Pillar I -<br>Research<br>Infrastructures                  |                                 |   |  |   | V  |   |                     |
| Pillar I - The<br>European<br>Research<br>Council (ERC)    |                                 |   |  |   |  |   |                     |
| Pillar III -<br>European<br>Innovation<br>Council          |                                 |   |  |   | V  | V   |                     |
| Pillar III –<br>European                                   |                                 |   |  |   | V  | V   |                     |

| Innovation<br>Ecosystems   |  |  |  |  |
|--|--|--|--|--|
| Pillar III –<br>European<br>Institute of<br>Innovation and<br>Technology |  |  |  |  |
| Widening and ERA   |  |  |  |  |
| The Joint<br>Research Centre   |  |  |  |  |

To maximize the European innovation potential, Horizon Europe is designed to be implemented in synergy with other Union funding programmes. With which EU programme(s) could synergies be strengthened?

- European Agricultural Guarantee Fund and the European Agricultural Fund for Rural Development under the Common Agricultural Policy (CAP)
- European Maritime, Fisheries and Aquaculture Fund (EMFAF)
- European Social Fund Plus (ESF)+
- European Regional Development Fund (ERDF)
- EU4Health
- Connecting Europe Facility (CEF)
- Digital Europe Programme (DEP)
- Single Market Programme
- ☑ LIFE Programme for Environment and Climate Action (LIFE)
- 🗹 Erasmus +
- Union Space Programme
- Neighbourhood, Development and International Cooperation Instrument (NDICI) and the Instrument for Pre-accession Assistance (IPA III)
- Internal Security Fund (ISF)
- Border Management and Visa Instrument (BMVI)
- InvestEU
- Innovation Fund under the Emission Trading Scheme
- Just Transition Mechanism
- Euratom Research and Training Programme
- European Defence Fund
- Creative Europe Programme
- Recovery and Resilience Facility
- I don't know

Please elaborate.

## EU Missions, European Partnerships and horizontal issues

What added value do you think that EU Missions can bring to European, national, regional and local programmes and initiatives?

Now that the Missions Boards have provided dedicated Mission outlines, EMBL welcomes the fact that all Missions have recognised the need for a strong fundamental research aspect. As highlighted in the Cancer Mission's implementation plan, fundamental research represents the foundation of any future discoveries and actions. We hope the EC will acknowledge this need, which could be reflected in future Missions Work Programmes.

The Strategic Plan 2021–2024 identified a number of co-funded and coprogrammed <u>European Partnerships</u> in various areas to reinforce the impact of Horizon Europe. In the period 2025-2027, and apart from other Horizon Europe initiatives (other partnerships, Missions, clusters etc.), is there any other area where a partnership approach could deliver more impacts?

- Yes
- No
- I do not know

The <u>Strategic Plan 2021-2024</u> identified specific issues to be considered in the implementation of Horizon Europe. Should any of these cross-cutting themes be further elaborated for the Strategic Plan 2025-2027?

|                                   | Not a<br>priority | Low<br>priority | Medium<br>priority | High<br>priority | Essential | l do<br>not<br>know /<br>No<br>opinion |
|-----------------------------------|-------------------|-----------------|--------------------|------------------|-----------|--|
| Gender equality and inclusiveness | 0                 | 0               | 0                  | O                | ۲         | 0                                      |
| Social Sciences<br>and Humanities | ۲                 | ۲               | ۲                  | 0                | 0         | O                                      |
| Ethics and integrity              | 0                 | 0               | 0                  | ۲                | ۲         | 0                                      |
|                                   |                   |                 |                    |                  |           |  |

| Open science<br>practices   |   |   | 0 | ۲ | O | ٢ |
|---|---|---|---|---|---|---|
| Dissemination and<br>Exploitation (D&E),<br>including links to<br>education and<br>training, market<br>uptake and<br>deployment |   | O | O | ۲ | © | © |
| Key Enabling<br>Technologies  | 0 | © | ۲ | © | © | 0 |
| Social innovations  | 0 | 0 | ۲ | 0 | 0 | 0 |
| International cooperation   | 0 | 0 | 0 | ۲ | 0 | ٢ |
| EU taxonomy   | 0 | 0 | ۲ | 0 | 0 | 0 |

In addition to what has been addressed in the Strategic Plan 2021-2024, do you see any other cross-cutting themes that should be integrated in the Strategic Plan 2025-2027?

### Horizon Europe strategic planning process

The Strategic Plan 2021-2024 is organised around four Key Strategic Orientations (KSO) linked with the EU policy priorities. How easy is it to understand these KSOs?

|   | Very<br>difficult | Difficult | Neutral | Easy | Very<br>easy | l do<br>not<br>know /<br>No<br>opinion |
|---|-------------------|-----------|---------|------|--------------|--|
| Promoting an open<br>strategic autonomy by<br>leading the development |                   |           |         |      |              |  |

| of key digital, enabling<br>and emerging<br>technologies, sectors and<br>value chains                 |   |   | ۲ | ٢ | 0 | O |
|---|---|---|---|---|---|---|
| Restoring Europe's<br>ecosystems and<br>biodiversity, and<br>sustainably managed<br>natural resources | © | ۲ | ۲ | 0 | 0 | ٢ |
| Making Europe the first<br>digitally enabled circular,<br>climate-neutral and<br>sustainable economy  | 0 | ۲ | ۲ | 0 | 0 | O |
| Creating a more resilient,<br>inclusive and democratic<br>European society                            | O | O | ۲ | 0 | 0 | ۲ |

#### Please elaborate.

The <u>Strategic Plan 2021-2024</u> is structured into:

- 4 four key strategic orientations
- 15 impact areas
- 32 cluster specific expected impacts (each translated into a destination in the work programme)

In your opinion, how easy is it to understand this structure?

- Very difficult
- Difficult
- Neutral
- Easy
- Very easy
- I do not know / No opinion

## SECTION E. KEY LESSONS AND MESSAGES FOR THE FUTURE

What are your key lessons from the past and present European Framework Programmes for Research and Innovation and the messages you would like to pass on for the future of the programme?

#### On the intervention modes and types of action

1500 character(s) maximum

EMBL recently had experience with a successful project from a 'RIA' Horizon Europe call focusing on the marine biodiversity observations, mapping, modelling and predictions for which many funded projects have strong overlaps and potential synergies. For such larger calls funding multiple projects, we would advocate for budget to be allocated to facilitate cross-talk between projects, and ensure all participants are made aware of topics they jointly cover. Common methodologies, data standards and data repositories could be put in place as part of call development in order to facilitate this.

#### On the identification of funding priorities

1500 character(s) maximum

Please refer to the position paper.

#### On the implementation of the programme/projects and procedures

1500 character(s) maximum

In general, applying to Horizon Europe is broadly similar to applying to H2020; this continuity has been helpful in keeping the administrative burden low. However, guidelines for applications are scattered across different sets of guidance (work programmes, AMGA, scheme-specific guidance, etc.) and having consolidated guidance would be welcome for both researchers and administrative staff. Specific details on how some of the rules apply to international organisations would also be very useful.

At the application stage, participating organisations are limited to contacting National Contact Points for additional information and clarifications instead of contacting the EC directly, which in some instances can be difficult. This is particularly true for international organisations, such as EMBL, that operate across multiple countries and therefore work with multiple NCPs that cannot necessarily know how to address IGOs issues around compliance topics that are not bound by national regulations.

#### Other

1500 character(s) maximum

If you wish to upload a position paper concerning the ex-post evaluation of Horizon 2020, the mid-term evaluation of Horizon Europe and/or the 2025 - 2027 Strategic Plan, you can do so here. Maximum file size is 1 MB.

Only files of the type pdf,txt,doc,docx,odt,rtf are allowed

84677763-040d-4f00-a30d-0003e763b56c/Horizon\_Europe\_interim\_evaluation\_EMBL\_position\_paper.pdf

Please click the button below to submit your answers!

#### Contact

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