

# European Research Area Public consultation questionnaire

Fields marked with \* are mandatory.

## Introduction

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This public consultation forms an integral part of the preparation of the European Research Area Act (the 'ERA Act').

[The Commission Communication on a Competitiveness Compass for the EU](#), adopted on 29 January 2025, included the ERA Act as one of the flagship actions aimed at 'closing the innovation gap' with other global economic powers. The ultimate objective of the ERA Act is to strengthen the capacity and performance of the EU's research and innovation ('R&I') ecosystem and to help the EU become the world's most attractive destination for researchers. The ERA Act aims to tackle enduring issues that hinder the efficiency and performance of the European R&I ecosystem, such as fragmented regulatory frameworks, disparities in research and development ('R&D') investment, and barriers to knowledge sharing and cooperation. Building on [Enrico Letta](#)'s and [Mario Draghi](#)'s 2024 reports, the ERA Act will be an opportunity to ensure the 'fifth freedom', the free circulation of researchers, scientific knowledge and technology in the EU's single market. The ERA Act will do this by tackling obstacles to this fifth freedom, through the uniform application of rules and the enforcement of EU policies to create a level playing field for researchers and innovators across the Member States. The ERA Act is closely linked to other initiatives announced in the [Commission's Political Guidelines](#), in particular the proposal for a European Innovation Act.

The purpose of this public consultation is to collect feedback on the key challenges that the ERA Act aims to address and on potential solutions to tackle them by means of EU-level legislation. The issues addressed include:

- reaching public and private investment goals;
- aligning the policies and programmes of the EU and the Member States, and across the Member States;

- challenges related to upholding the fundamental values of the European Research Area;
- improving the framework conditions for research and researchers.

**This consultation questionnaire is structured around the main areas and problems that fall within the scope of the future legislation. It will take a maximum of 25 minutes to complete the full questionnaire but you are also welcome to only respond to the sections that are relevant for you.**

The results of this public consultation will be summarised in a report that will be published on the [Have your say](#) website. The results will also be analysed together with other data that is being collected through targeted stakeholder consultations and an impact assessment. At the end of the survey, you will have the possibility to upload a file with a more detailed contribution.

**\* Please select the sections of the questionnaire to which you would like to contribute:**

- ☒ **1. Strengthen R&D investment and bring it up to the 3% GDP target to address the current lack of investment.**
- ☒ **2. Greater alignment of R&I investments, policies and programmes between the EU and Member States, and between Member States.**
- ☒ **3. Improve the general conditions for research and researchers in Europe.**
  - ☐ **3.1. Upholding the fundamental values of the European Research Area: freedom of scientific research; gender equality and equal opportunities.**
  - ☐ **3.2. Ensuring the free circulation of researchers and scientific knowledge: researchers' careers and mobility; free circulation of scientific knowledge; European research infrastructure consortia; knowledge valorisation.**
  - ☐ **3.3 Aligning guidance on artificial intelligence (AI) in research.**
  - ☐ **3.4 Improving consistency in approaches to international cooperation and research security across the EU.**

About you

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\* 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
- ☐ Consumer organisation
- ☐ EU citizen
- ☐ Environmental organisation

- ☐ Non-EU citizen
- ☐ Non-governmental organisation (NGO)
- ☐ Public authority
- ☐ Trade union
- ☐ Other

**\* First name**

Olga

**\* Surname**

Wessels

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

o.e.wessels@utwente.nl

**\* Organisation name**

*255 character(s) maximum*

European Consortium of Innovative Universities (ECIU)

**\* Organisation size**

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

**Transparency register number**

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

526221434040-38

**\* 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.*

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|---|---|--|--|
| <input type="radio"/> Afghanistan         | <input type="radio"/> Djibouti                            | <input type="radio"/> Libya            | <input type="radio"/> Saint Martin                                 |
| <input type="radio"/> Åland Islands       | <input type="radio"/> Dominica                            | <input type="radio"/> Liechtenstein    | <input type="radio"/> Saint Pierre and Miquelon                    |
| <input type="radio"/> Albania             | <input type="radio"/> Dominican Republic                  | <input type="radio"/> Lithuania        | <input type="radio"/> Saint Vincent and the Grenadines             |
| <input type="radio"/> Algeria             | <input type="radio"/> Ecuador                             | <input type="radio"/> Luxembourg       | <input type="radio"/> Samoa  |
| <input type="radio"/> American Samoa      | <input type="radio"/> Egypt                               | <input type="radio"/> Macau            | <input type="radio"/> San Marino                                   |
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| <input type="radio"/> Angola              | <input type="radio"/> Equatorial Guinea                   | <input type="radio"/> Malawi           | <input type="radio"/> Saudi Arabia                                 |
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| <input type="radio"/> Argentina           | <input type="radio"/> Ethiopia                            | <input type="radio"/> Malta            | <input type="radio"/> Sierra Leone                                 |
| <input type="radio"/> Armenia             | <input type="radio"/> Falkland Islands                    | <input type="radio"/> Marshall Islands | <input type="radio"/> Singapore                                    |
| <input type="radio"/> Aruba               | <input type="radio"/> Faroe Islands                       | <input type="radio"/> Martinique       | <input type="radio"/> Sint Maarten                                 |
| <input type="radio"/> Australia           | <input type="radio"/> Fiji                                | <input type="radio"/> Mauritania       | <input type="radio"/> Slovakia                                     |
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| <input type="radio"/> Azerbaijan          | <input type="radio"/> France                              | <input type="radio"/> Mayotte          | <input type="radio"/> Solomon Islands                              |
| <input type="radio"/> Bahamas             | <input type="radio"/> French Guiana                       | <input type="radio"/> Mexico           | <input type="radio"/> Somalia                                      |
| <input type="radio"/> Bahrain             | <input type="radio"/> French Polynesia                    | <input type="radio"/> Micronesia       | <input type="radio"/> South Africa                                 |
| <input type="radio"/> Bangladesh          | <input type="radio"/> French Southern and Antarctic Lands | <input type="radio"/> Moldova          | <input type="radio"/> South Georgia and the South Sandwich Islands |
| <input type="radio"/> Barbados            | <input type="radio"/> Gabon                               | <input type="radio"/> Monaco           | <input type="radio"/> South Korea                                  |
| <input type="radio"/> Belarus             | <input type="radio"/> Georgia                             | <input type="radio"/> Mongolia         | <input type="radio"/> South Sudan                                  |
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| <input type="radio"/> Belize              | <input type="radio"/> Ghana                               | <input type="radio"/> Montserrat       | <input type="radio"/> Sri Lanka                                    |
| <input type="radio"/> Benin               | <input type="radio"/> Gibraltar                           | <input type="radio"/> Morocco          | <input type="radio"/> Sudan  |
| <input type="radio"/> Bermuda             | <input type="radio"/> Greece                              | <input type="radio"/> Mozambique       | <input type="radio"/> Suriname                                     |

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| <input type="radio"/> Bhutan                           | <input type="radio"/> Greenland                         | <input type="radio"/> Myanmar/Burma            | <input type="radio"/> Svalbard and Jan Mayen   |
| <input type="radio"/> Bolivia                          | <input type="radio"/> Grenada                           | <input type="radio"/> Namibia                  | <input type="radio"/> Sweden                   |
| <input type="radio"/> Bonaire Saint Eustatius and Saba | <input type="radio"/> Guadeloupe                        | <input type="radio"/> Nauru                    | <input type="radio"/> Switzerland              |
| <input type="radio"/> Bosnia and Herzegovina           | <input type="radio"/> Guam                              | <input type="radio"/> Nepal                    | <input type="radio"/> Syria                    |
| <input type="radio"/> Botswana                         | <input type="radio"/> Guatemala                         | <input checked="" type="radio"/> Netherlands   | <input type="radio"/> Taiwan                   |
| <input type="radio"/> Bouvet Island                    | <input type="radio"/> Guernsey                          | <input type="radio"/> New Caledonia            | <input type="radio"/> Tajikistan               |
| <input type="radio"/> Brazil                           | <input type="radio"/> Guinea                            | <input type="radio"/> New Zealand              | <input type="radio"/> Tanzania                 |
| <input type="radio"/> British Indian Ocean Territory   | <input type="radio"/> Guinea-Bissau                     | <input type="radio"/> Nicaragua                | <input type="radio"/> Thailand                 |
| <input type="radio"/> British Virgin Islands           | <input type="radio"/> Guyana                            | <input type="radio"/> Niger                    | <input type="radio"/> The Gambia               |
| <input type="radio"/> Brunei                           | <input type="radio"/> Haiti                             | <input type="radio"/> Nigeria                  | <input type="radio"/> Timor-Leste              |
| <input type="radio"/> Bulgaria                         | <input type="radio"/> Heard Island and McDonald Islands | <input type="radio"/> Niue                     | <input type="radio"/> Togo                     |
| <input type="radio"/> Burkina Faso                     | <input type="radio"/> Honduras                          | <input type="radio"/> Norfolk Island           | <input type="radio"/> Tokelau                  |
| <input type="radio"/> Burundi                          | <input type="radio"/> Hong Kong                         | <input type="radio"/> Northern Mariana Islands | <input type="radio"/> Tonga                    |
| <input type="radio"/> Cambodia                         | <input type="radio"/> Hungary                           | <input type="radio"/> North Korea              | <input type="radio"/> Trinidad and Tobago      |
| <input type="radio"/> Cameroon                         | <input type="radio"/> Iceland                           | <input type="radio"/> North Macedonia          | <input type="radio"/> Tunisia                  |
| <input type="radio"/> Canada                           | <input type="radio"/> India                             | <input type="radio"/> Norway                   | <input type="radio"/> Türkiye                  |
| <input type="radio"/> Cape Verde                       | <input type="radio"/> Indonesia                         | <input type="radio"/> Oman                     | <input type="radio"/> Turkmenistan             |
| <input type="radio"/> Cayman Islands                   | <input type="radio"/> Iran                              | <input type="radio"/> Pakistan                 | <input type="radio"/> Turks and Caicos Islands |
| <input type="radio"/> Central African Republic         | <input type="radio"/> Iraq                              | <input type="radio"/> Palau                    | <input type="radio"/> Tuvalu                   |
| <input type="radio"/> Chad                             | <input type="radio"/> Ireland                           | <input type="radio"/> Palestine                | <input type="radio"/> Uganda                   |
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| <input type="radio"/> China                            | <input type="radio"/> Israel     | <input type="radio"/> Papua New Guinea                             | <input type="radio"/> United Arab Emirates                 |
| <input type="radio"/> Christmas Island                 | <input type="radio"/> Italy      | <input type="radio"/> Paraguay                                     | <input type="radio"/> United Kingdom                       |
| <input type="radio"/> Clipperton                       | <input type="radio"/> Jamaica    | <input type="radio"/> Peru   | <input type="radio"/> United States                        |
| <input type="radio"/> Cocos (Keeling) Islands          | <input type="radio"/> Japan      | <input type="radio"/> Philippines                                  | <input type="radio"/> United States Minor Outlying Islands |
| <input type="radio"/> Colombia                         | <input type="radio"/> Jersey     | <input type="radio"/> Pitcairn Islands                             | <input type="radio"/> Uruguay                              |
| <input type="radio"/> Comoros                          | <input type="radio"/> Jordan     | <input type="radio"/> Poland                                       | <input type="radio"/> US Virgin Islands                    |
| <input type="radio"/> Congo                            | <input type="radio"/> Kazakhstan | <input type="radio"/> Portugal                                     | <input type="radio"/> Uzbekistan                           |
| <input type="radio"/> Cook Islands                     | <input type="radio"/> Kenya      | <input type="radio"/> Puerto Rico                                  | <input type="radio"/> Vanuatu                              |
| <input type="radio"/> Costa Rica                       | <input type="radio"/> Kiribati   | <input type="radio"/> Qatar  | <input type="radio"/> Vatican City                         |
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| <input type="radio"/> Curaçao                          | <input type="radio"/> Laos       | <input type="radio"/> Rwanda                                       | <input type="radio"/> Western Sahara                       |
| <input type="radio"/> Cyprus                           | <input type="radio"/> Latvia     | <input type="radio"/> Saint Barthélemy                             | <input type="radio"/> Yemen                                |
| <input type="radio"/> Czechia                          | <input type="radio"/> Lebanon    | <input type="radio"/> Saint Helena, Ascension and Tristan da Cunha | <input type="radio"/> Zambia                               |
| <input type="radio"/> Democratic Republic of the Congo | <input type="radio"/> Lesotho    | <input type="radio"/> Saint Kitts and Nevis                        | <input type="radio"/> Zimbabwe                             |
| <input type="radio"/> Denmark                          | <input type="radio"/> Liberia    | <input type="radio"/> Saint Lucia                                  |  |

If you are contributing as an individual researcher, what is your main scientific field of research?

- ☐ Natural sciences
- ☐ Engineering and technology
- ☐ Medical and health sciences
- ☐ Agricultural and veterinary sciences

- ☐ Social sciences
- ☐ Humanities and the arts

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. **For 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](#)

## **1. Strengthen R&D investment and bring it up to the 3% GDP target to address the current lack of investment**

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The EU's [R&D intensity](#), measured as the proportion of GDP spent on R&D, is still well below the target of 3% of GDP set by the [European Council in Barcelona in 2002](#), despite the steady but slow progress made since then. In 2023, approximately EUR 381 billion was invested in R&D in the EU, which accounts for only 2.22% of the EU's GDP. The large disparities between Member



States (ranging from 0.5% to 3.6% of GDP) are partly due to the lack of private investment in R&D compared with other major economies (China, Japan, South Korea, United States, etc.). The low level of R&D intensity negatively affects the EU's competitiveness and, therefore, its socio-economic progress and the resilience of our society, and accentuates the R&D investment gap with other countries.

Meeting the EU's 3% target would require an additional investment of EUR 134 billion per year across the EU. Therefore, to achieve the 3% target by 2030, the EU would need substantial additional funding from both private and public sources, a better alignment and complementarity between public and private investments, and better coordination of policies at both national and EU levels.

### ***Current situation***

To what extent do you agree with the following statements?

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	No opinion
The EU's innovation gap with other major economies is largely caused by underinvestment in R&D.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
We should reduce disparities in R&D intensity between Member States, which create innovation gaps inside the EU.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increasing R&D intensity should be a priority at EU level to boost socio-economic progress and competitiveness in the EU.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## ***Possible way forward***

To what extent are the following suggestions appropriate for EU-level legislation to increase R&D intensity?

	Very appropriate	Somewhat appropriate	Neither appropriate nor inappropriate	Somewhat inappropriate	Very inappropriate	No opinion
Define national R&D intensity targets, where public investments are solid obligations.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ask Member States to write multiannual national plans or roadmaps for implementation and monitoring of progress towards R&D intensity targets.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ensure the better use of public R&D investments to further mobilise private R&D investments.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please provide the reasoning behind your responses and/or additional suggestions. Are there any other key challenges regarding the need to increase R&D intensity or possible ways to address this challenge that you think should be considered?

*2000 character(s) maximum*

ECIU strongly supports the ERA Act's ambition to raise R&D investment to 3% of GDP, recognising it as a vital step towards strengthening Europe's competitiveness, resilience, and societal progress. To achieve this, coordinated efforts are required from Member States and the EU, with substantial contributions from both the public and private sectors.

ECIU therefore calls for national and EU-level funding policies to be strategically aligned, ensuring that increased investment is effectively targeted.

Universities play a central role in this ecosystem, driving innovation, knowledge valorisation and societal impact. To unlock their full potential, the ERA Act must reinforce the role of universities in connecting research with industry and society, and invest in the skills, infrastructures, and intermediaries that enable knowledge transfer.

Furthermore, the ERA Act should promote inclusive, mission-driven research ecosystems where interdisciplinary collaboration and societal relevance are paramount. Building stronger networks between universities, start-ups and industry actors will accelerate innovation and ensure that R&D investments deliver tangible benefits. ECIU urges the EU to embed these principles in the ERA Act to ensure that increased investment leads to a more integrated, impactful and future-ready European Research Area.

## **2. Greater alignment of R&I investments, policies and programmes between the EU and Member States, and between Member States**

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In addition to the lack of R&D intensity, the EU falls short of what it could achieve in R&D because policies and investment priorities are not sufficiently coordinated between Member States and between the EU and the Member States. R&I in Europe is governed at multiple levels, with policies and investment pursued at the local, regional, national and EU levels, scattered across ministries in different Member States.

Investments in R&D are often dispersed and poorly aligned between Member States, while only about 10% of total R&D spending is managed through EU-wide programmes. By contrast, competitors like the United States benefit from a single national strategy, leading to a more coordinated allocation of resources and the strategic alignment of investment priorities. This disparity is especially problematic for sophisticated and complex technologies such as AI, quantum computing or biotech. This fragmentation of European R&D investments makes it difficult for the EU to address common challenges by focusing on a coherent set of strategic areas, and leads to missed opportunities for collaboration and network effects.

### ***Current situation***

To what extent do you agree with the following statements?

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	No opinion
The lack of mechanisms to coordinate and prioritise research and innovation policies at EU level reduce the effectiveness of R&D investments.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The existing institutional structures and instruments are insufficient to align policies and R&D investments across Member States, and between Member States and the EU, and to set out strategic priorities.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
EU spending on R&D is not well-aligned with key EU-wide policy priorities, e.g. industrial policy.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Existing mechanisms that support R&D initiatives co-funded by different actors (notably European Partnerships [1]) are not sufficient to address the current needs for coordination and alignment.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The system of European Partnerships is too complex and fragmented in terms of its implementation modalities.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
There are too many European Partnerships to ensure critical mass and strategic orientation.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

[1] *'European Partnership' means an initiative, where the EU, together with private and public partners, commit to jointly supporting the development, implementation and evaluation of a programme of activities, and where the costs are shared between all partners.*

## ***Possible way forward***

To what extent are the following suggestions appropriate for EU-level legislation to better align R&D investments, programmes and policies?

	Very appropriate	Somewhat appropriate	Neither appropriate nor inappropriate	Somewhat inappropriate	Very inappropriate	No opinion
Create a coordination instrument to allow the EU and the Member States to set out their strategic R&D priorities together.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The competencies of the ERA governance bodies (i.e. the <a href="#">ERA Forum and the European Research and Innovation Committee - ERAC</a> ) could be expanded and applied to the definition of strategic priorities and to the alignment of R&D investments and policies.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The European Partnerships should concentrate a critical mass of funding in key strategic areas, which are aligned with the EU's priorities.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The system of European Partnerships should be constructed in such a way that it is flexible enough to adapt to evolving EU policy priorities, for instance by re-orienting existing European Partnerships, possibly ending existing Partnerships or creating new ones.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

The system of European Partnerships should become more transparent and easier to use by creating and running partnerships in a harmonised way.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Key provisions for implementing European Partnerships should be included in the ERA Act.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
The respective roles of public and private actors should be taken into account in creating and running European Partnerships	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please provide the reasoning behind your responses and/or additional suggestions. Are there any other key challenges regarding policy and investments alignment or possible ways to address them that you think should be considered?

*2000 character(s) maximum*

The current fragmentation of R&I governance, across local, regional, national, and EU levels, limits Europe's ability to respond to global challenges and weakens its competitiveness in strategic areas like AI, quantum technologies, and biotech.

ECIU calls for a more integrated and mission-driven approach to R&I policy. National commitments must be aligned with EU strategic priorities, and coordination mechanisms should include all countries participating in Horizon Europe. Universities, as central actors in knowledge ecosystems, must be empowered to connect research, education, and innovation across borders and sectors.

European University alliances, as strong cross-border partnerships can play a critical role in implementing the ERA ambitions.

The ERA Act should foster synergies with the upcoming EU Innovation Act and the Start-up and Scale-up Strategy, enabling knowledge to flow freely and supporting non-linear innovation pathways. Strengthening networks between universities, industry, and public authorities is essential to unlock the full potential of R&I investments.

ECIU urges the EU to embed mechanisms for joint planning, shared priorities, and inclusive and effective governance in the ERA Act. This will ensure that Europe's research efforts are coherent, impactful, and capable of delivering solutions to complex societal challenges.

## **3. Improve the general conditions for research and researchers in Europe**

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### **3.1 Upholding the fundamental values of the European Research Area**

In 2021, the Council of the EU agreed on a set of fundamental values underlying the revamp of the ERA in the [Pact for Research and Innovation in Europe](#). The ERA must ensure that its fundamental values are respected in full throughout the EU in a consistent and fair manner. These values are the unquestionable promotion of the freedom of scientific research, and of ethics and integrity when carrying out R&I, and the promotion of gender equality and equal opportunities.

#### **3.1.1 Freedom of scientific research**



There is currently no harmonised EU-level legal framework that ensures the consistent and enforceable protection of freedom of scientific research in the Member States. Researchers and research institutions across the EU face a combination of pressures that, in practice, can limit the full exercise of freedom of research.

The absence of a clear and enforceable EU framework has contributed to uneven levels of protection of freedom of scientific research in the Member States. This has led to significant disparities between Member States, making the EU a less attractive destination for global research talent, and undermining the objectives of the ERA.

## Current situation

To what extent do you agree with the following statements?

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	No opinion
There is no clear and enforceable legal protection for the freedom of scientific research in my country.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Higher education institutions and research-performing organisations lack enough autonomy from undue interference, whether political, economic, or otherwise. This undermines their ability to safeguard freedom of scientific research effectively.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Social and cultural pressures, including public criticism, online harassment or media backlash, can discourage researchers from addressing certain topics or sharing their findings openly.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Precarious employment and lack of stable career paths undermine the independence of researchers.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Europe needs stronger and more uniform legal safeguards to protect and promote freedom of scientific research.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## ***Possible way forward***

To what extent would the following suggested measures be appropriate to address the identified problems?

	Very appropriate	Somewhat appropriate	Neither appropriate nor inappropriate	Somewhat inappropriate	Very inappropriate	No opinion
Establish uniform, legally binding protection at the EU level for the freedom of scientific research.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Require EU Member States to implement minimum standards protecting the freedom of scientific research, while allowing some flexibility at Member State level.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Define clear core rights for individual researchers and rights and obligations for research institutions.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Create mechanisms to enforce compliance with the freedom of scientific research, such as linking respect for this freedom to access to EU funding, including for research, or cutting EU funds when the freedom of scientific research is not respected.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ensure that legal measures to protect freedom of scientific research also strengthen the autonomy of research institutions and promote transparent governance in research institutions.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Complement legal measures with awareness-raising, education, and programmes to promote a culture of scientific freedom and integrity.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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Please provide the reasoning behind your responses and/or additional suggestions. Are there any other points you would like to make regarding the need to protect the freedom of scientific research and the potential way forward?

*2000 character(s) maximum*

The European Consortium of Innovative Universities strongly supports the full and consistent implementation of the fundamental values of the ERA. Among these, the freedom of scientific research is paramount and must be safeguarded across all Member States. The protection of academic freedom and institutional autonomy are essential pillars of a thriving and resilient research ecosystem. These freedoms are not only foundational to the integrity and credibility of research, but also to its capacity to address complex societal challenges in an open, critical, and innovative manner. The current lack of a harmonised framework to guarantee freedom of scientific research must be addressed. The existing regulatory gap has led to uneven levels of protection across Member States, creating disparities that undermine the ERA's objectives and reduce Europe's attractiveness to global research talent.

ECIU calls for:

- A robust EU-level framework that ensures the enforceable protection of academic freedom and institutional autonomy in all Member States.
- Recognition of universities as key enablers and producers of knowledge, whose independence must be protected from political or ideological interference.
- Support for bottom-up research approaches without undue influence from political agendas or short-term priorities.
- Encouragement and protection of all forms of research, including fundamental, curiosity-driven, and interdisciplinary research, as essential to long-term societal progress.

In an era of increasing complexity and uncertainty, Europe must lead by example in defending the freedom of scientific inquiry. Only by doing so can the ERA remain a space of excellence, trust, and innovation.

### **3.1.2 Gender equality and equal opportunities**

Gender equality is a core value and key priority for the EU, and as such it is integral to European research and innovation. Since 2020, the EU gender equality policy in research and innovation aims to address intersections of gender with other social categorisations (e.g. ethnicity, disability, and sexual orientation), as well as to promote geographical and sectoral inclusiveness, especially by involving the private sector. Despite significant efforts and some positive developments, there are still disparities in this area. To address this, [gender equality plans](#) have been introduced as a condition to receiving EU research funding. The plans require public bodies and research and higher education organisations to outline concrete actions and

commitments to promote gender equality. However, private sector organisations (where the gender gap is largest) are exempt from producing gender equality plans, and the effectiveness of the plans varies across the EU.

To improve the quality of research and develop effective solutions that benefit society as a whole, research and innovation must not only welcome all talents but also consider gender and equal opportunities for other social categories, such as ethnicity, disability and age, in their content. Gender, however, is incorporated in less than 2% of scientific publications ([She Figures 2024](#)). These and other related issues underscore the need for a stronger EU framework to promote gender equality and equal opportunities in research and innovation, building on existing initiatives and ensuring a consistent approach across the EU.

### **Current situation**

To what extent do you agree that the following problems should be addressed to promote and achieve gender equality and equal opportunities more effectively in research and innovation?

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	No opinion
The inadequate and fragmented uptake of gender equality policies across the EU (e.g. gender equality plans).	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Inconsistent national and limited EU-level frameworks for the monitoring and evaluation of gender equality policies and actions.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient consideration of gender and other social factors (e.g. ethnicity, disability, age) in research and innovation content.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of support for researchers with caregiving responsibilities.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of engagement of the private sector in addressing gaps in gender equality and inclusiveness.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## **Possible way forward**

To what extent are the following suggestions appropriate for EU-level legislation to promote gender equality and equal opportunities more effectively in research and innovation?

	Very appropriate	Somewhat appropriate	Neither appropriate nor inappropriate	Somewhat inappropriate	Very inappropriate	No opinion
Establish legally binding minimum rules for gender equality plans, specifying the organisations that are required to implement them, the essential components of the plans, and the processes for national-level monitoring and compliance.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Set a minimum level of spending on gender equality policies and actions in research and innovation at EU, national, and organisational levels.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>
Incorporate considerations of gender and other social factors (e.g. ethnicity, disability, age) into public research and innovation programmes, with regular reporting and evaluation.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop legislation to make big private companies more involved in improving gender equality and inclusiveness.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Include the cost of caring for dependents in public research funding programmes to help	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

researchers with caregiving responsibilities to overcome barriers to participation and career progression.						
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Please provide the reasoning behind your responses and/or additional suggestions. Are there any other key challenges regarding gender equality and equal opportunities or possible ways to address them that you think should be considered?

*2000 character(s) maximum*

ECIU fully supports gender balance and equal opportunities in science and research, recognising them as core values of the European Research Area. Diversity is essential to excellence and innovation, and research must reflect the richness of society to address today's complex challenges effectively. ECIU welcomes the EU's commitment to intersectional gender equality, including the integration of dimensions such as ethnicity, disability and sexual orientation. We also support the use of Gender Equality Plans as a practical tool for driving institutional change.

We are convinced that:

- inclusive research environments foster better science and innovation.
- diverse perspectives are critical to meaningfully and sustainably tackling societal challenges
- universities play a key role in promoting equality and must be supported in their efforts to build inclusive academic cultures.

Achieving gender equality and equal opportunities is not only a matter of fairness; it is also a prerequisite for excellence and impact in European R&I.

## **3.2 Ensuring the free circulation of researchers and scientific knowledge**

### ***3.2.1 Researchers' careers and mobility***

Attractive research careers in different sectors are a fundamental part of a fully-fledged European Research Area. Following the adoption of the Council [Recommendation establishing a European framework to attract and retain research, innovation and entrepreneurial talents in Europe](#) in December 2023, stronger legal measures can be considered to address specific issues which would help to strengthen research careers and improve the mobility of researchers across the ERA.

## Current situation

To what extent do you agree that the following problems currently prevent research careers in the EU from being more attractive?

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	No opinion
Widespread use of fixed-term contracts, in particular because of project-based funding and /or national legislation.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient social security benefits for early-career researchers, notably PhD candidates.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Lack of support for researchers to develop their careers.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
National and organisation-level obstacles preventing seamless mobility between Member States (e.g. administrative and language barriers) and between organisations.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Obstacles to the mutual recognition by Member States of researchers' academic qualifications for work purposes.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Obstacles to the recognition by Member States of academic qualifications gained in non-EU countries.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Obstacles for researchers from non-EU countries in obtaining visas to work in EU Member States.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Obstacles for researchers from non-EU countries who have a work-related visa issued by an EU Member State to move to other Member States.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Insufficient mapping of national and organisational career structures for researchers against the R1-R4 career profiles (R1 First-Stage Researcher; R2 Recognised Researcher; R3 Established Researcher; R4 Leading Researcher), with a negative impact on intersectoral and interoperable careers.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient use of the R1-R4 career profiles in vacancies.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Administrative complexities related to business trips for researchers (e.g. the need to complete A1 forms [2]).	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

[2] *An A1 form is a portable document that, in line with Regulation (EC) No 883/2004 and Regulation (EC) No 987/2009, serves as proof of the social security legislation applicable to a person (employee or self-employed) temporarily working in a different Member State.*

## **Possible way forward**

To what extent are the following suggestions appropriate for EU-level legislation to address the identified problems?

	Very appropriate	Somewhat appropriate	Neither appropriate nor inappropriate	Somewhat inappropriate	Very inappropriate	No opinion
Ensure that national laws do not impede or overly complicate the ability of public sector employers to offer open-ended, indefinite or permanent contracts to researchers.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ensure that researchers at all career stages, including PhD candidates, have the same level of social security benefits.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Develop an EU-level contract template for the recruitment of researchers, which employers in the public and private sectors can use voluntarily. This template would ensure that minimum standards are met, making positions more attractive to researchers and facilitating mobility, including between Member States.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Carry out measures to prevent practices that could lead to discriminatory behaviour against some researchers and make it more difficult to be mobile, such as the exclusive use of the local language of a Member State in job advertisements and employment contracts.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Facilitate the automatic recognition (for work purposes) of the academic qualifications that a researcher gained in an EU Member State.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Increase the understanding and transparency of the skills and academic qualifications of researchers.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Facilitate the recognition (for work purposes) of the academic qualifications that a researcher gained in a non-EU country.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Facilitate the visa application process for researchers from a non-EU country and reduce the obstacles to their mobility within the EU.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Carry out a mapping exercise to align national and organisational career structures with the R1-R4 researcher profiles.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ensure that all job vacancies addressed to researchers use the R1-R4 profiles.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reduce the administrative burden associated with researchers' business trips.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please provide the reasoning behind your responses and/or additional suggestions. Are there any other key challenges regarding enhanced research careers and mobility that you think should be considered, including national-level obstacles preventing seamless mobility across Member States?

*2000 character(s) maximum*

Europe's ability to lead in research and innovation depends on how well it supports its researchers - not only in their work, but in their movement, growth, and collaboration across borders. As the ERA Act takes shape, the European Consortium of Innovative Universities urges policymakers to prioritise the conditions that make research careers attractive, mobile, and impactful.

To strengthen researcher careers and mobility across the ERA, we must:

- Create flexible and rewarding career paths: Researchers should be able to move seamlessly between academia, industry, and public service. The ERA Act must support diverse career trajectories and recognise contributions beyond traditional academic metrics, including societal impact, entrepreneurship, and interdisciplinary work.
- Remove mobility barriers: Legal and administrative obstacles to researcher mobility must be addressed. This includes aligning recognition of qualifications, simplifying visa (e.g. non-EU MSCA researchers) and residence procedures, and ensuring social benefits.
- Invest in support structures: Europe must strengthen the professional services that enable researchers to navigate mobility and career development.
- Foster inclusive ecosystems: Researchers thrive in environments that encourage collaboration with citizens, businesses, and public authorities. The ERA Act needs to promote mission-driven ecosystems where knowledge flows freely and societal challenges are tackled collectively.
- There is a need to make progress on joint PhDs, as the potential value is important to build the ERA and support researchers mobility. Alliances can play a crucial role in building a best practice model, and in showing how the existing national practices can be adjusted to facilitate joint and dual awards. They can develop agreed terminology and process and can act as pioneers for a European model or models.

### **3.2.2 Free circulation of scientific knowledge**

Despite progress in promoting open access, which has been driven especially by the open science policies and actions of the EU and the Member States, the proportion of scientific publications and research data available through open access remains well below targets. Legal and technical obstacles, and other barriers such as research assessments based on the quantity of publications in prestigious journals, are impeding access to, and reuse of research output. The lack of standardisation and interoperability of research data within and across scientific disciplines and across borders is a major obstacle to achieving the free circulation of scientific knowledge.

## Current situation

To what extent do you agree with the following statements, which describe possible obstacles to ensuring access to and sharing of scientific knowledge?

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	No opinion
Insufficient open access to publicly funded peer-reviewed publications.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Certain publishing requirements (e.g. transfer of author rights or embargoes) may limit open access to publicly funded peer-reviewed publications.	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient open access to publicly funded research data, software and other research outputs.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Barriers (technical, legal etc.) preventing efficient access to and the sharing and reuse of data and other research outputs across borders within the EU.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Barriers (technical, legal, etc.) preventing efficient access to and the sharing and reuse of data and other research outputs between scientific thematic areas.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apart from legal constraints imposed by sector-specific or cross-cutting legislation on data management, there are additional barriers that impede researchers' access to publicly funded data that could be overcome with targeted legislation.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient alignment between research institutions and between EU countries on the requirements for open access to publicly funded research.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
There is legal uncertainty over how researchers can share, access and reuse copyright-protected material or sensitive data for scientific purposes.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient use of existing legal possibilities and market-based mechanisms to share, access and reuse copyright-protected material for scientific purposes.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Rising costs for research institutions to access scientific information and publish in open access.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Insufficient information about agreements between public institutions and publishers on the supply of scientific information and open access publishing services.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Current research assessment practices are primarily based on the number of publications in prestigious journals and do not take into account the intrinsic quality and impact of the research and the diverse contributions of researchers.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## Possible way forward

To what extent are the following suggestions appropriate for EU-level legislation to achieve the free circulation of scientific knowledge?

	Very appropriate	Somewhat appropriate	Neither appropriate nor inappropriate	Somewhat inappropriate	Very inappropriate	No opinion
Research-funding organisations (RFOs) responsible for managing public research-funding and research-performing organisations (RPOs) that receive public funding should include in funding agreements requirements for immediate open access to and reuse of publicly funded scientific publications in public open access repositories as a condition to providing public funding for research.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public RFOs and RPOs receiving public funding shall foresee requirements for researchers and/or their organisations to retain the necessary intellectual property rights to provide immediate open access and reuse of their research outputs.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Public RFOs and RPOs receiving public funding shall foresee, where relevant, requirements for data management plans and open access to research data and other research outputs under the principle ' <i>as open as possible, as closed as necessary</i> '.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Member States should ensure the findability, accessibility, interoperability and reusability (FAIR) of publicly funded research data and other research	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

outputs, and their availability through secure and trusted digital environments.						
Member States should ensure that research data is standardised and interoperable within and between different scientific disciplines and across borders.						
Member States should ensure the further development of secure and trusted infrastructures for access to, sharing, reuse and preservation of scientific information and data.						
The applicable legal frameworks should be reviewed to improve legal certainty and facilitate open access, sharing and reuse of data for scientific purposes in a secure way that ensures privacy.						
Publicly funded researchers should have facilitated access (e.g. in terms of technical requirements, available platforms or administrative procedures) to data under the <a href="#">common European data spaces</a> .						
Non-legislative measures should be implemented to improve the awareness and use of existing legal and market-based solutions that make it possible to share, access and reuse protected content for scientific purposes.						
Public RFOs and RPOs that receive public funding should create mechanisms to ensure that assessments of research, researchers and research organisations recognise the diverse outputs, practices and activities that help maximise the quality and impact of research.						

Please provide the reasoning behind your responses and/or additional suggestions. Are there any other key challenges regarding the free circulation of scientific knowledge or possible ways to address them that you think should be considered?

*2000 character(s) maximum*

To realise a truly integrated European Research Area, scientific knowledge must move freely across borders and disciplines. The ECIU urges the ERA Act to remove persistent barriers to open access and data interoperability.

Our key recommendations:

- Boost open access: Strengthen incentives and mandates for open publication and data sharing, moving beyond prestige-based publishing models.
- Reform research assessment: Shift evaluation systems to reward openness, impact, and collaboration.
- Invest in data infrastructure: Support interoperable standards, data stewardship, and cross-border platforms to foster collaboration.
- Empower researchers and universities: Provide legal clarity and training.
- Recognise the Fifth Freedom: Embed the free circulation of knowledge as a core principle of the ERA to drive innovation and societal progress.

### **3.2.3 European Research Infrastructure Consortia**

A European Research Infrastructure Consortium (ERIC) is a legal entity set up under EU law to facilitate the establishment and operation of research infrastructures of European interest. The [ERIC Regulation](#) has made it possible to launch and integrate many research infrastructures at European level, which align national investments and research priorities, and pool resources and expertise.

Despite the widely recognised success of the ERIC instrument, which has resulted in the establishment of 32 ERICs so far, a number of issues in the current legislation have been raised both by EU Member States and by the scientific community (see, for example, the [third report on the application of the ERIC Regulation](#)).

To what extent do you agree that the following topics should be considered in view of a possible future amendment of the ERIC Regulation?

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	No opinion
The possibility for third countries other than associated countries and intergovernmental organisations to join an ERIC as of its establishment as founding members.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The rules in the ERIC Regulation on the applicable law and jurisprudence may create problems either in the setting-up of new ERICs or the resolution of disputes within existing ones.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Further harmonisation of the legal status of ERICs is needed to reduce discrepancies in the recognition by Member States of European Research Infrastructures under national law that hinder the ERICs' efficiency.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please provide the reasoning behind your responses and/or additional suggestions. Are there other key challenges regarding the ERIC regulation or possible ways to address them that you think should be considered?

*2000 character(s) maximum*

ECIU underscores the critical role of ERICs in building a more integrated and competitive European Research Area. By aligning national investments and pooling expertise, ERICs enable world-class research infrastructures that support cross-border collaboration and long-term scientific excellence.

### **3.2.4 Knowledge valorisation**

Despite the growing policy emphasis and guidance on knowledge valorisation, including the Codes of Practice on the [management of intellectual assets](#), [citizen engagement](#), [industry-academia co-creation](#) and [standardisation](#) to implement [the Guiding Principles for knowledge valorisation](#), structural problems persist that hinder the efficient transformation of research results into societal and economic value.

Knowledge valorisation can have multiple aspects. Issues related to the commercialisation of the outputs of publicly funded R&I were tackled in the public consultation on the European Innovation Act. Therefore, this consultation focuses on other knowledge valorisation aspects.

## Current situation

To what extent do you agree that the following problems currently prevent R&I in the EU from achieving optimum levels of knowledge valorisation?

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	No opinion
There are limited financial and non-financial incentives for researchers, higher education and research-performing organisations to valorise knowledge.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Academic reward systems are predominantly focused on publications and citations, with limited recognition for activities that create socio-economic impacts.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Higher education and research-performing organisations, and their researchers lack the capacity to collaborate with the private sector, public authorities and citizens, and to engage in standardisation activities.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Dedicated support services in universities (e.g. knowledge and technology transfer offices, public engagement units and innovation offices) to facilitate effective knowledge valorisation are under-resourced.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Many researchers lack the training and skills necessary to engage successfully with non-academic collaborators (industry, citizens, public authorities) as part of knowledge transfer and valorisation.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Researchers' employment conditions lack flexibility for two-way mobility between academia and industry (e.g. short-term secondments) and to engage with external stakeholders (e.g.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

consulting, collaboration with societal actors and public authorities).						
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## ***Possible way forward***

To what extent are the following suggestions appropriate for EU-level legislative action to address the identified problems?

	Very appropriate	Somewhat appropriate	Neither appropriate nor	Somewhat inappropriate	Very inappropriate	No opinion
Member States should set knowledge valorisation as a key priority in their research and innovation policies.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If they haven't already done so, Member States should adopt policies aimed at incentivising researchers and universities to engage in knowledge valorisation activities.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Successful commercialisation, standardisation and engagement with policy makers and the public should be recognised and rewarded in the assessment and progression of research careers.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
If a university decides not to commercialise an invention, the researcher/inventor should be granted full rights to exploit it.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
More schemes for mobility between sectors should be created, allowing researchers to work in industry or the public sector for a certain period, and ensuring their right to return to their previous position.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A competence framework for knowledge valorisation professionals in public research organisations should be defined.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Member states should develop strategies and measures to upscale knowledge valorisation for informing the design of public policies.



Please provide the reasoning behind your responses and/or additional suggestions. Are there any other key challenges regarding knowledge valorisation and possible ways to address them that you think should be considered?

*2000 character(s) maximum*

Knowledge valorisation is vital for translating research into societal, economic, environmental, cultural, and democratic benefits. ECIU welcomes the ERA Act's focus and calls for strong synergies with the EU Innovation Act and Start-up & Scale-up Strategy to enable non-linear innovation pathways and knowledge flow across Europe.

To unlock its full potential, the ERA Act should:

- Safeguard academic freedom and institutional autonomy, avoiding prescriptive rules. Incentives, not compliance, should drive impact while allowing curiosity-driven research.
- Broaden valorisation beyond patents and spin-offs to include social and policy innovation, public-sector collaboration, cultural contributions, sustainability solutions, and citizen co-creation. Use the knowledge square as a guiding model.
- Reform reward systems that favour publications over impact. Align incentives to recognise open science, stakeholder collaboration, interdisciplinary work, and long-term societal value. Avoid overreliance on quantitative metrics; promote qualitative, responsible assessment.
- Invest in capacity and skills: resource pipeline-building activities and provide training for collaboration with industry, public authorities, and citizens. Support competence development, mobility, and digital infrastructures for data sharing.
- Strengthen co-creation and cross-sector collaboration, leveraging European University Alliances as engines for ERA implementation. Facilitate transnational networks, joint infrastructures, and shared platforms for knowledge uptake.
- Advance standardisation and interoperability in data management to enable reuse and impact.
- Recognise diverse forms of impact, social, cultural, democratic, environmental, economic, and embed co-creation throughout research processes.

Valorisation is not linear; it requires integrated ecosystems where R&I and education intersect. The ERA Act must provide the legal and strategic foundation to make this a reality across Europe.

### **3.3 Aligning guidance on artificial intelligence (AI) in research.**

Across the EU, research organisations and funding bodies have issued diverse and often conflicting guidelines on the use of AI in scientific research. As a result, research proposals involving AI are subject to varying requirements on ethics, transparency, intellectual property, data protection and data governance. This fragmented landscape creates uncertainty for researchers and complicates cross-border collaboration between researchers.

## Current situation

To what extent do you agree that the following problems regarding the use of AI in research should be addressed?

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	No opinion
There is a lack of harmonised guidelines on the ethical and responsible use of AI in research across the EU.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Researchers face legal uncertainty and administrative burdens when using AI due to differing national and institutional guidelines.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The fragmented landscape of AI-related codes of conduct undermines cross-border and interdisciplinary scientific collaboration.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The current frameworks do not provide sufficient clarity on how to manage risks such as dual-use, reproducibility, or transparency in the use of AI in research.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### ***Possible way forward***

To what extent are the following suggestions appropriate to address the identified problem, and which solutions and should be pursued through EU-level legislation?

	Very appropriate	Somewhat appropriate	Neither appropriate nor inappropriate	Somewhat inappropriate	Very inappropriate	No opinion
Promote capacity-building to implement and monitor AI governance in research organisations.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Encourage alignment between national and EU-level research programmes on AI-related standards.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Embed in the ERA Act non-binding EU-wide principles and harmonised guidelines on the responsible and ethical use of AI in research.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

## ***AI misuse whistleblowing mechanism***

Currently, there is no EU-level mechanism to report concerns about the misuse of AI in scientific research. Researchers lack trusted and secure channels to raise the alarm when AI is used unethically or for (un)intended harmful purposes. This gap increases the risk that dangerous applications go undetected and undermines trust in the research system.

### ***Current situation***

To what extent do you agree that the following problems regarding the current lack of whistleblowing mechanisms for misuse of AI in research should be addressed?

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	No opinion
The absence of a dedicated mechanism to report misuse increases the risk that harmful or unethical applications of AI go undetected.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Researchers currently lack secure, trusted channels to raise the alarm when AI-based research outputs are repurposed for unintended uses.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
There is a lack of awareness among researchers of where and how to report concerns related to the misuse of AI in research.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Reporting channels, where they exist, are often not tailored to the specific risks and complexities of AI in research.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

### ***Possible way forward***

To what extent are the following suggestions appropriate to address problems with the potential misuse of AI, and should these solutions be pursued through EU-level legislation?

	Very appropriate	Somewhat appropriate	Neither appropriate nor inappropriate	Somewhat inappropriate	Very inappropriate	No opinion
Create an EU-level whistleblowing mechanism specifically to report the suspected misuse of AI in research.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>
Link this whistleblowing mechanism to national authorities and research institutions to ensure that responses are well-coordinated.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
Create an independent EU body or contact point to manage cases of AI-related whistleblowing in research.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>

Please provide the reasoning behind your responses and/or additional suggestions. Are there any other key challenges or problems regarding Artificial Intelligence guidance in research and possible ways to address them that you think should be considered?

*2000 character(s) maximum*

There's no consistent EU guidance on AI in science, so everyone's trying to make up their own rules which may be confusing. The mix of national and institutional policies creates legal grey areas and extra administration. It also makes cross-border projects harder. Current rules do not explain well how to handle issues like dual-use or transparency, so researchers are left guessing.

The capacity-building and better alignment in AI in science are useful, but they only go so far without clear, binding rules. Training and coordination help, but they do not solve the issue of uneven implementation. Non-binding principles are a good start for awareness, but without some legal weight or enforcement, they risk being just recommendations that few follow consistently. Here, targeted EU-level measures are needed. They should however avoid centralisation or over-regulation, but enable coherence, reduce burden, and support innovation. These should be supporting measures within or alongside legislation.

There's also not much training or awareness about what "AI misuse" actually looks like in a research setting, especially for those not working directly in AI or data science.

Researchers may struggle to know where or how to raise AI misuse issues. There are already some channels (ethics boards, GDPR/DPO reporting, whistleblower protections), but not AI-specific ones. So the issue isn't total absence, but lack of awareness and tailoring. We are not necessarily needing a whole new system, but better integration and guidance within what we already have.

Having an EU-level whistle blowing channel makes sense to ensure consistency. But it shouldn't replace or duplicate national systems. It needs to link well with them. The focus should be on making existing mechanisms work together, not building a whole new layer.

### **3.4 Improving consistency in approaches to international cooperation and research security across the EU**

Openness, international cooperation and academic freedom are at the core of world-class research and innovation. However, with growing international tensions and the increasing geopolitical significance of research and innovation, researchers are increasingly exposed to security risks. With the adoption of the [Council Recommendation on enhancing research security](#) in May 2025, the EU has clear political (i.e. non-binding) guidance on how to ensure that international cooperation in research and innovation is both open and secure. However, there are still substantial differences in how research is safeguarded between and within the Member States. There are calls to set minimum requirements at EU level to ensure a level playing field.



## Current situation

To what extent do you agree that the following problems should be addressed?

	Strongly agree	Somewhat agree	Neither agree nor disagree	Somewhat disagree	Strongly disagree	No opinion
The lack of a level playing field in the EU in safeguarding research and innovation against security risks.	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Diverging national approaches to research security, which potentially hinder cooperation between researchers in different Member States (e.g. overlapping and/or conflicting requirements).	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
The lack of adequate safeguards for research security in some Member States exposes all of the EU to research security risks ('weakest link' scenario).	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Researchers in Member States with well-developed research security policies are at a disadvantage compared with researchers in Member States that do not have similar policies in place.	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>

### ***Possible way forward***

To what extent are the following suggestions appropriate for EU-level legislation to better safeguard against research and innovation security risks?

	Very appropriate	Somewhat appropriate	Neither appropriate nor inappropriate	Somewhat inappropriate	Very inappropriate	No opinion
Recognise research security as a concern for all Member States that requires appropriate measures at national and EU levels.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Set minimum requirements for a consistent approach to research security at national and EU levels.	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Please provide the reasoning behind your responses and/or additional suggestions. Do you see any other issues that need to be addressed to support a more coherent and consistent approach to international research and innovation cooperation in a way that is both open and secure?

*2000 character(s) maximum*

Academic freedom and international collaboration are foundational to excellent research and innovation. However, growing geopolitical tensions and uneven national approaches to research security are creating vulnerabilities and undermining trust. A coherent and balanced approach to research security is essential to uphold Europe's values, protect its research integrity, and remain a trusted global partner in science and innovation.

The European Consortium of Innovative Universities therefore supports the Council Recommendation on enhancing research security and calls for the ERA Act to go further by:

- Recognising research security as a shared responsibility, requiring coordinated action at both national and EU levels to protect researchers, institutions, and knowledge assets.
- Maintaining openness while managing risks, by promoting transparent, proportionate, and evidence-based measures that do not compromise academic freedom.
- Providing guidance and support to universities, including training, risk assessment tools, and legal clarity to navigate complex security challenges.

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## **Background Documents**

[Consultation questionnaire pdf](#)

## **Contact**

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