

# DIRECTORATE-GENERAL RESEARCH AND INNOVATION

## R&I challenges and priorities in the areas of clean energy and mobility'

Fields marked with \* are mandatory.

### Introduction

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The Commission has launched an online survey on 'R&I challenges and priorities in the areas of clean energy and mobility'.

Broad participation of relevant stakeholders is welcomed.

The survey's findings will contribute to a reflection paper that will be offered as input to identify future priorities in these areas for the EU.

The consultation has two sections:

- Section A. About you.
- Section B. Challenges, priorities, and added-value.

There is no obligation to respond to the open questions of Section B to finalise the survey.

Your answers will be treated confidentially and anonymised.

### Section A - About you

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Please identify yourself/your Organisation, if you wish to do so:

\* The organisation you work for is best described as:

- European Partnership under Horizon Europe
- European Technology and Innovation Platform (ETIP)

- Large private company
- Public administration (national, regional, local)
- Small and Medium Enterprise (SME)
- Stakeholders' association or platform (non-profit)
- University or research association
- Other (please specify)

\* Have you or your organisation been a beneficiary of previous Framework Programmes (choose all that apply)?:

*between 1 and 4 choices*

- Framework Programme 6 (2002-2006)
- Framework Programme 7 (2007-2013)
- Horizon 2020 (2014-2020)
- Horizon Europe (2021-2027)
- None of the above

\* Your work is focused on (choose all that applies):

- Air transport
- Automation of transportation
- Batteries
- Behavioural sciences
- Buildings and industrial facilities in energy transition
- Carbon capture (use) and storage
- Clean energy technology development
- Decarbonisation of transport
- Energy distribution (electricity, heat, fuels)
- Energy storage
- Energy supply (electricity, heat, fuels)
- Freight and Logistics
- Governance innovation
- Humanities
- Rail transport
- Renewable energy communities
- Road transport
- Social innovation
- Social sciences
- Transport safety
- Urban mobility, communities and cities
- Values and mentality
- Waterborne transport
- Other (please specify)

## SECTION B - Challenges, priorities and added-value

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\* Which of the following areas should become a key R&I priority for the future?

*Maximum 5 selection(s)*

- Air transport
- Automation of transportation
- Batteries
- Behavioral sciences
- Buildings and industrial facilities in energy transition
- Carbon capture (use) and storage
- Clean energy technology development
- Decarbonisation of transport
- Energy distribution (electricity, heat, fuels)
- Energy storage
- Energy supply (electricity, heat, fuels)
- Freight and Logistics
- Governance innovation
- Humanities
- Rail transport
- Renewable energy communities
- Road transport
- Social innovation
- Social sciences
- Transport safety
- Urban mobility, communities and cities
- Values and mentalities
- Waterborne transport
- Other (please specify)

Which approaches and tools should/should not be used in the future to achieve the highest impact on EU policies and R&I challenges in the areas of clean energy and mobility?

	Not Important	Slightly Important	Moderately Important	Important	Very Important	Don't know / N/A
* Alignment between EU and national R&I investments	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
* Applied research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
* Basic research	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
* Co-funded Partnerships	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
* Communication and outreach	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
* Connect all stages of the R&I pipeline (fundamental research, collaborative research, innovation)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
* Co-programmed Partnerships	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
* EU Missions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
* Institutionalised Partnerships (Article 185 and Joint Undertakings)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
* International cooperation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
* Open strategic autonomy (i.e. balancing openness of FP with safeguarding of EU interests)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
* Standard work programme topics (i.e. non-Partnership topics)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
* Support uptake and deployment of R&I results	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
* Synergies between the EU Framework Programme for R&I and deployment programmes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

<p>* System thinking approach (balancing new economic models that embrace competitiveness, support late-stage financing / deployment, human well-being, resilience, lifestyles, natural capital, and social equality)</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
<p>* Other (please specify)</p>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

What are the key challenges for clean energy and/or mobility related research and innovation (in terms of science, technology, society and economy) over the next 10-15 years?

*1000 character(s) maximum*

In response to those challenges, what should the priorities for future clean energy and/or mobility research and innovation be?

*1000 character(s) maximum*

How can future EU R&I provide the most added-value to address those challenges/priorities compared to the role of private and other public R&I funding (national, regional) in Europe?

*1000 character(s) maximum*

Could future EU R&I in clean energy and/or mobility enable/support any 'game-changing' advance(s) (e.g. breakthrough idea/innovation, systemic change, change in research policy, etc.) to transform the EU into a sustainable, fair, resource-efficient and competitive economy by 2050?

*1000 character(s) maximum*

## Contact

[Contact Form](#)