

HORIZON EUROPE

우리나라 준회원국 가입

Horizon Europe이란?

Horizon Europe(HE)은
2021~2027년 간 955억€
(약 140조원)을 지원하는
EU의 9번째 연구혁신
분야 재정지원
프로그램
(Framework Program9)

호라이즌 유럽의 목표

과학 기술

유럽의 과학기술적 우수성을
촉진하고 유럽 연구지역을 더욱
견고하게 구성

사회

녹색 및 디지털 전환과
지속가능한 개발 목표를 포함한
정책 우선순위 해결

경제

유럽의 혁신을 촉진하고
경쟁력을 강화하며 일자리 창출
증대

Learn more about
**Horizon Europe strategic plan
2025-2027**

**HORIZON
EUROPE**

호라이즌 유럽

EU 최대 R&I 프로그램

"EU FP를 통해 총 30개 이상의 노벨상 수상자 탄생"

(`22년) Svante Paabo(생리의학상), Alain Aspect,
Anton Zeilinger(물리학상), John F. Clauser(화학상)
(`23년) Ferenc Krausz, Anne L'Huillier(물리학상)

"대한민국은 아시아 최초로 '준회원국' 가입 예정"

과학기술정보통신부 & 유럽집행위원회(European Commission)의 가입 협상 완료 및 협정 체결 절차 진행중

추진 경과 및 참여 범위

추진 경과

(2018.12) EU R&I 프로그램에 대한 한국의 준회원국 가입 제안
(2022.2) 한국의 Horizon Europe 준회원국 가입 의향서 전달
(2022.3~2023.5) 한-EU 간 Horizon Europe 탐색회의 진행
(2023.5~) 준회원국 가입을 위한 본 협상 단계 진입
(2024.3.25) 우리나라의 준회원국 가입 협상 타결

참여 국가

- 독일, 프랑스, 벨기에, 네덜란드, 덴마크, 스웨덴 등 EU 27개 회원국
- 영국, 노르웨이, 뉴질랜드, 캐나다 등 20개 준회원국
- 우리나라, 스위스는 준회원국 가입 절차 진행중

참여 범위

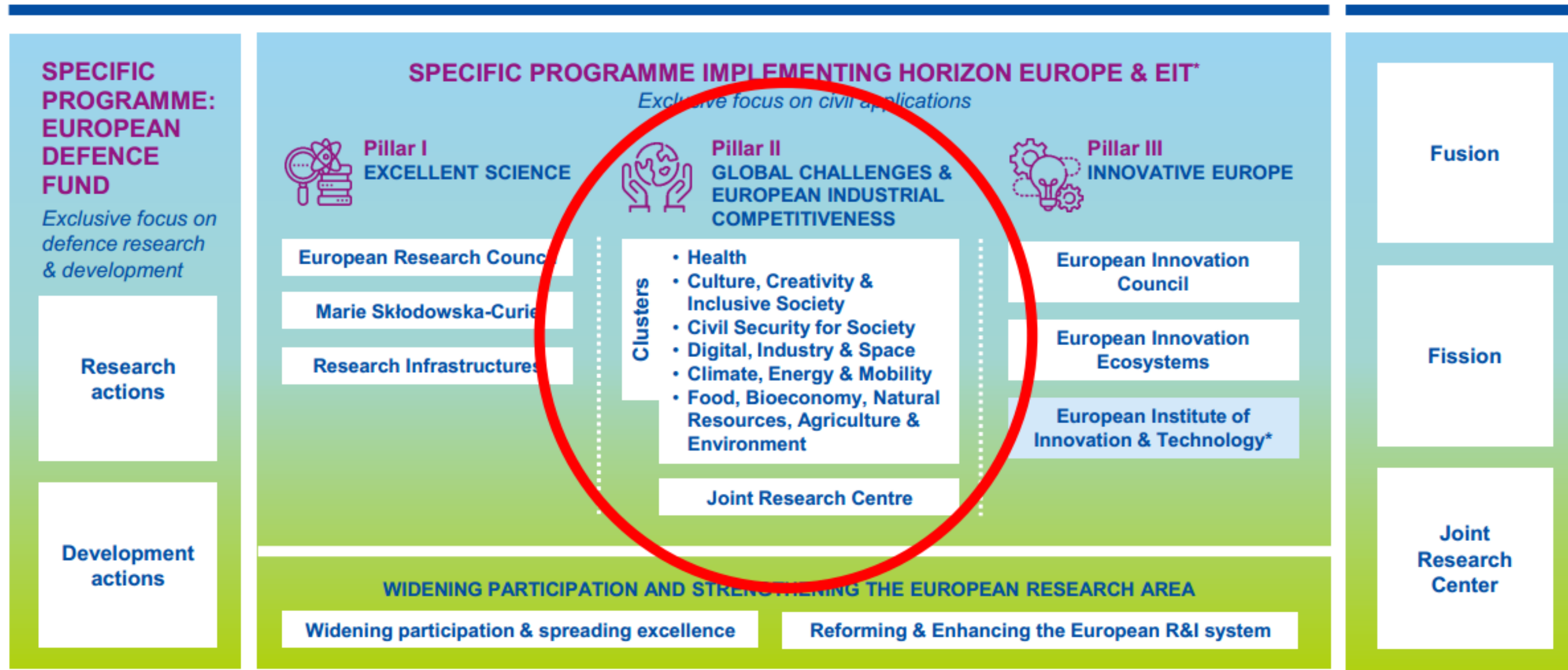
준회원국 대상: Pillar 2

- 글로벌 문제 해결을 위한 분야별 기술개발 대상 가입
- Pillar1, Pillar3는 기존 지원체계를 통해 지속 지원
 - EU 공동연구과제, 한-EU 등

참여 범위의 Pillar 2

HORIZON EUROPE

EURATOM



* The European Institute of Innovation & Technology (EIT) is not part of the Specific Programme

Pillar 1 : Excellence Science

ERC (European Research Council)

개인 연구자 주도의 창의적이고 혁신적인 연구 지원(Bottom-Up)

- Starting Grant(신진연구) / Consolidator Grant(중견연구) / Advanced Grant(우수연구) / Synergy Grant(시너지연구) 로 구성
- Pillar 1은 제3국 신분이므로 국내 연구자의 참여가 어려우나, 2~4인이 함께 연구하는 Synergy Grant는 국내 연구자도 PI로 참여 가능

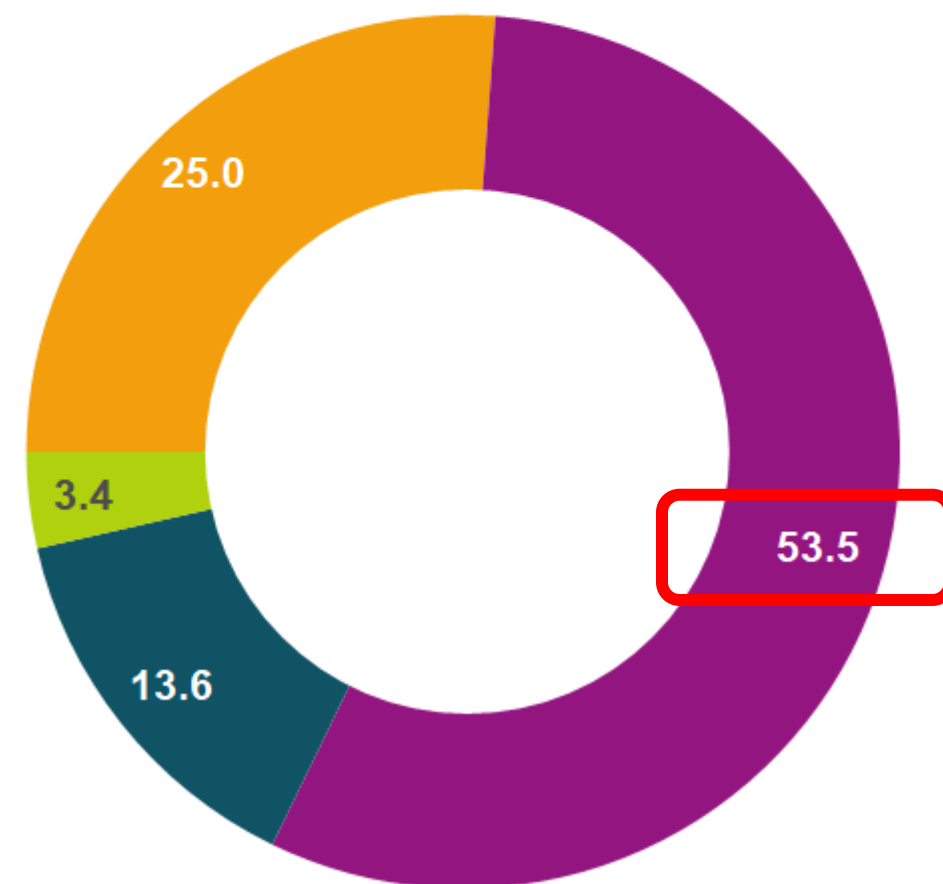
MSCA (Marie Skłodowska- Curie Actions)

연구자들의 경력 개발 및 역량 강화를 목표로 연구자들의 국제 교류, 학제간 교류 등 인력교류를 지원

- 박사 과정 연구자, 박사후 과정 연구자들의 연구, 교육, 훈련 기회들을 제공
- 마찬가지로 제3국 신분임에 따라 국내 연구자의 참여는 어려우나, EU측 파트너 기관에서 본 사업의 수혜를 받을 경우, 국내연구자도 연계하여 참여 가능

Pillar 2 : Global Challenges & European Industrial Competitiveness

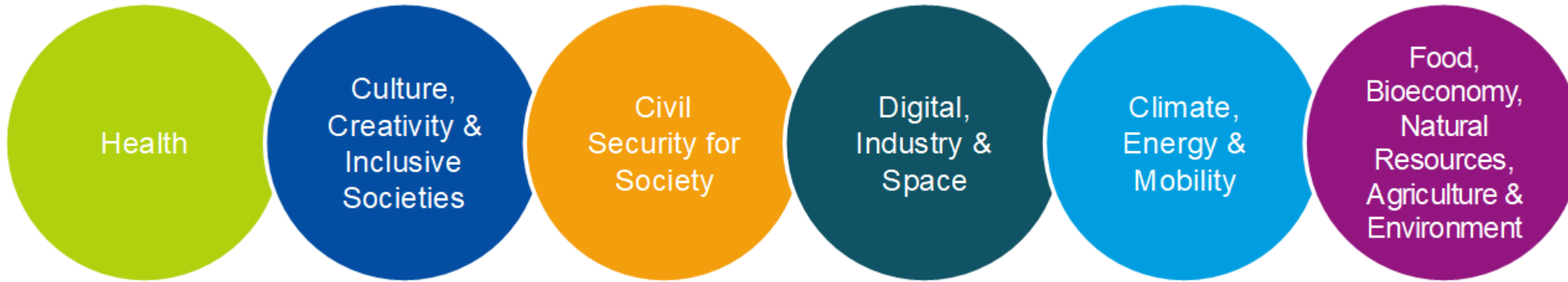
Horizon Europe Budget: €95.5 billion (2021-2027)



Political agreement December 2020
€ billion in current prices

- Excellent Science
- Global challenges and European ind. comp.
- Innovative Europe
- Widening Part and ERA

Pillar 2 : Global Challenges & European Industrial Competitiveness



Cluster 1	Health	€8.246 billion (including €1.35 billion from NGEU)
Cluster 2	Culture, Creativity & Inclusive Societies	€2.280 billion
Cluster 3	Civil Security for Society	€1.596 billion
Cluster 4	Digital, Industry & Space	€15.349 billion (including €1.35 billion from NGEU)
Cluster 5	Climate, Energy & Mobility	€15.123 billion (including €1.35 billion from NGEU)
Cluster 6	Food, Bioeconomy, Natural Resources, Agriculture & Environment	€8.952 billion
	JRC (non-nuclear direct actions)	€1.970 billion

참여 범위 Pillar 2

Overview of 49 European Partnerships

HORIZON EUROPE PILLAR II - Global challenges & European industrial competitiveness

CLUSTER 1: Health	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility	CLUSTER 6: Food, Bioeconomy, Agriculture, ...
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe
Global Health Partnership	Smart Networks & Services	Clean Aviation	Rescuing Biodiversity to Safeguard Life on Earth
Transformation of health systems	High Performance Computing	Single European Sky ATM Research 3	Climate Neutral, Sustainable & Productive Blue Economy
Chemicals risk assessment	European Metrology (Art. 185)	Europe's Rail	Water4All
ERA for Health	AI-Data-Robotics	Connected and Automated Mobility (CCAM)	Animal Health & Welfare*
Rare diseases*	Photonics	Batteries	Accelerating Farming Systems Transitions*
One-Health Anti Microbial Resistance*	Made in Europe	Zero-emission waterborne transport	Agriculture of Data*
Personalised Medicine*	Clean steel – low-carbon steelmaking	Zero-emission road transport	Safe & Sustainable Food System*
Pandemic Preparedness* <i>Co-funded or co-programmed</i>	Processes4Planet	Built4People	
	Global competitive space systems**	Clean Energy Transition	
		Driving Urban Transitions	

- Institutionalised Partnerships (Art 185/7)
- Institutionalised Partnerships / EIT KICs
- Co-Programmed
- Co-Funded

PILLAR III - Innovative Europe

EIT (KNOWLEDGE & INNOVATION COMMUNITIES)	SUPPORT TO INNOVATION ECOSYSTEMS
InnoEnergy	Innovative SMEs
Climate	
Digital	
Food	
Health	
Raw Materials	
Manufacturing	
Urban Mobility	
Cultural and Creative Industries	

CROSS-PILLARS II & III

European Open Science Cloud

참여 범위 **Pillar 2** (파트너십)

- **Key Digital Technologies → Chips 변경**
- **2025년 추가 예정**
 - Brain Health
 - Forests and Forestry for a Sustainable Future
 - Raw materials for the Green and Digital Transition
 - Pandemic Preparedness
 - Resilient Cultural Heritage

참여 범위 **Pillar 2**

Five Missions Areas



**Adaptation to
climate change,
including societal
transformation**



Cancer



**Healthy oceans,
seas, coastal &
inland waters**



**Climate-neutral
& smart cities**



**Soil health &
food**

Pillar 2 : Global Challenges & European Industrial Competitiveness

주요 사회 문제와 유럽의 산업 경쟁력 강화를 위한 연구 지원

회원국, 준회원국 소속 연구기관이 3개 이상 참여하는 컨소시엄 형태로만 참여 가능

- 최소 1개 기관은 회원국 연구기관 참여 필요
- 국적 판단 기준 : 법인이 설립된 국가(개인 연구자 국적)

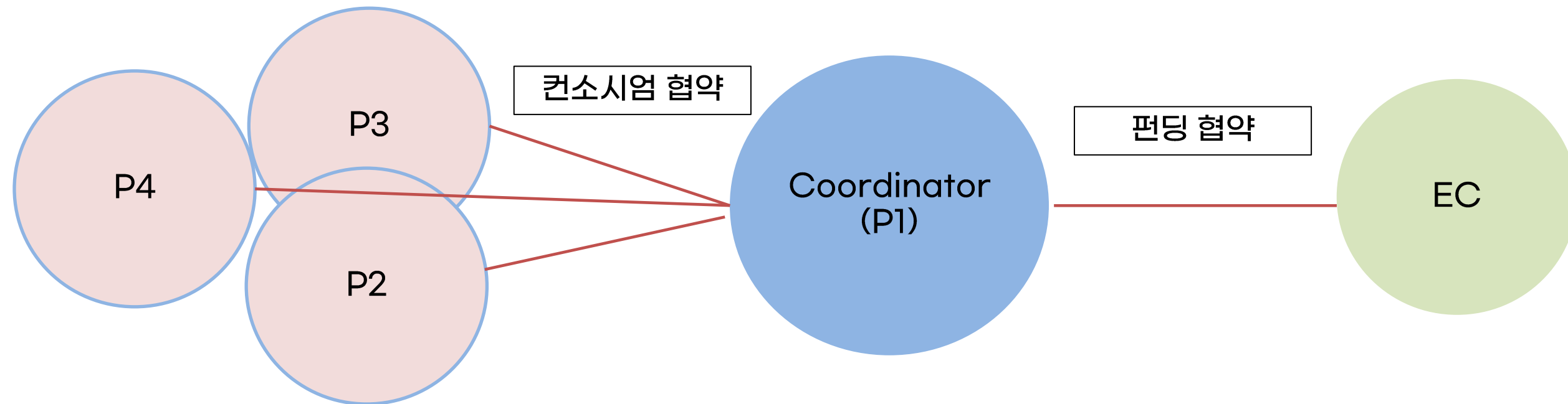
예1) 한국에 설립된 독일 연구소의 분원 - 한국 기관

예2) 독일에 설립된 한국 연구소의 분원 - 독일 기관

Pillar 2 : Global Challenges & European Industrial Competitiveness

컨소시엄 구성

- ① **Beneficiary** : 호라이즌 유럽 펀딩의 수혜자, 컨소시엄 내 연구 주요 책임자 (PI) 중의 1명
- ② **Coordinator** : 컨소시엄의 대표 Beneficiary. EU와의 펀딩 계약 수행 및 컨소시엄 내 중개자 역할
- ③ **Affiliated Entites** : Beneficiary의 소속기관
- ④ **Associated Partners** : 연구에 참여하지만 EC로부터 자금 지원을 받지 않는 연구자



달라지는 점 **Pillar 2**

기존

준회원국

과제 참여

제3국으로 호라이즌 유럽
과제 직접 지원 불가,
회원국/준회원국 연구자가
지원하는 과제에
파트너로서만 참여 가능

회원국과 동등하게
주관기관으로 과제
지원 가능

연구비 수혜

호라이즌 유럽
연구비 직접 수혜 불가,
필요 연구비 자체 조달 필요

별도의 국내 선정평가
과정 없이
호라이즌 유럽 예산에서
직접 연구비 수혜 가능

기대 효과

(참고) EU 기술수준('22년도 기술수준평가 결과('24.3월, 과기정통부))
전체 대상 기술 : 미국(100, 0년) > EU(94.7, 0.9년) > 한국(81.5, 3.2년)
국가 전략 기술 : 미국(100, 0년) > EU(92.3, 1.3년) > 한국(81.7, 3.0년)

01.

EU 연구기관과의 공동연구
기회 확보

02.

EU 연구진과의 네트워크 형성

03.

다자 연구 프로그램 경험 확보

주요 문의 사항 FAQ

호라이즌 유럽 공고 도출 절차 및
2025년 추진 계획

과제공고 확인하는 법

연구제안서 양식

평가기준

컨소시움 구성

사전기획 지원

분담금

지식재산권

EU의 연구 시설

표준 협약서

NCP

GEP

주요 문의 사항 **호라이즌 유럽 추진**

Horizon Europe implementation



주요 문의 사항 **호라이즌 유럽 추진**

The Strategic Plan and the Work Programme



주요 문의 사항 워크 프로그램

공고 번호 예시 : HORIZON-CL5-2023-D1-01-01

Destination – Climate sciences and responses for the transformation towards climate neutrality

Europe has been at the forefront of climate science and should retain its leadership position to support EU policies as well as international efforts for a global uptake of climate action in line with the Paris Agreement and the Sustainable Development Goals (SDGs), including biodiversity objectives. Advancing climate science and further broadening and deepening the knowledge base is essential to inform the societal transition towards a climate neutral and climate resilient society by 2050, as well as towards a more ambitious greenhouse gas reduction target by 2030. It will involve research that furthers our understanding of past, present and expected future changes in climate and its implications on ecosystems and society, closing knowledge gaps, and the development of the tools that support policy coherence and the implementation of effective mitigation and adaptation solutions.

The activities implemented under this section will enable the transition to a climate-neutral and resilient society and economy through improving the knowledge of the Earth system and the ability to predict and project its changes under different natural and socio-economic drivers. This includes a better understanding of society’s response and behavioural changes, allowing a better estimation of the impacts of climate change and the design and evaluation of solutions and pathways for climate change mitigation and adaptation and related social transformation.

This Destination contributes directly to the Strategic Plan’s **Key Strategic Orientation D** “*Making Europe the first digitally led circular, climate-neutral and sustainable economy through the transformation of its mobility, energy, construction and production systems*” and the **impact area** “Climate change mitigation and adaptation”.

In line with the Strategic Plan, the overall **expected impact** of this Destination is to contribute to the “*Transition to a climate-neutral and resilient society and economy enabled through advanced climate science, pathways and responses to climate change (mitigation and adaptation) and behavioural transformations*”, notably through:

- Advancing knowledge and providing solutions in the any of following areas:
 - Earth system science;
 - Pathways to climate neutrality;

Destination

Call - Climate sciences and responses

HORIZON-CL5-2023-D1-01

Conditions for the Call

Indicative budget(s)²⁴

Topics	Type of Action	Budgets (EUR million)	Expected EU contribution per project (EUR million) ²⁵	Indicative number of projects expected to be funded
		2023		
Opening: 13 Dec 2022 Deadline(s): 18 Apr 2023				
HORIZON-CL5-2023-D1-01-01	RIA	16.00 ²⁶	Around 8.00	2
HORIZON-CL5-2023-D1-01-02	RIA	14.00 ²⁷	Around 7.00	2
HORIZON-CL5-2023-D1-01-03	RIA	8.00 ²⁸	Around 4.00	2
HORIZON-CL5-2023-D1-01-04	RIA	16.00 ²⁹	Around 8.00	2
HORIZON-CL5-2023-D1-01-05	RIA	5.50 ³⁰	Around 5.50	1
HORIZON-CL5-2023-D1-01-06	RIA	10.00 ³¹	Around 5.00	2
HORIZON-CL5-2023-D1-01-07	RIA	12.00 ³²	Around 12.00	1
HORIZON-CL5-2023-D1-01-08	CSA	3.00 ³³	Around 3.00	1

세부 Topic별 지원 규모

주요 문의 사항 워크 프로그램

HORIZON-CL5-2023-D1-01-04: Improved knowledge in cloud-aerosol interaction

Specific conditions	
<i>Expected EU contribution per project</i>	The Commission estimates that an EU contribution of around EUR 8.00 million would allow these outcomes to be addressed appropriately. Nonetheless, this does not preclude submission and selection of a proposal requesting different amounts.
<i>Indicative budget</i>	The total indicative budget for the topic is EUR 16.00 million.
<i>Type of Action</i>	Research and Innovation Actions
<i>Eligibility conditions</i>	The conditions are described in General Annex B. The following exceptions apply: If projects use satellite-based earth observation, positioning, navigation and/or related timing data and services, beneficiaries must make use of Copernicus and/or Galileo/EGNOS (other data and services may additionally be used).
<i>Legal and financial set-up of the Grant Agreements</i>	The rules are described in General Annex G. The following exceptions apply: Eligible costs will take the form of a lump sum as defined in the Decision of 7 July 2021 authorising the use of lump sum contributions under the Horizon Europe Programme – the Framework Programme for Research and Innovation (2021-2027) – and in actions under the Research and Training Programme of the European Atomic Energy Community (2021-2025). ⁴³ Beneficiaries will be subject to the following additional obligations regarding open science practices: Open access to any new modules, models or tools developed from scratch or substantially improved with the use of EU funding under the action must be ensured through documentation, availability of model code and input data developed under the action.

세부 Topic 지원 조건

Expected Outcome: This activity is expected to enhance our understanding of the cloud-aerosol interactions and their impacts in the Earth system and to include developing advanced algorithms as well as high-resolution models to better reproduce realistic cloud phase and structures, its interactions with different types of aerosols and their radiative impacts.

Project results are expected to contribute to **all of the** following outcomes:

- Enhanced large community effort in Europe to bring together the latest advances in science, modelling, in situ, ground-based, oceanic, and airborne remote sensing as well as satellite observations to tackle the complex cloud-aerosol interactions.
- Improved Earth systems models and better long-term climate projections, and/or climate prediction, in particular at seasonal and decadal time scales.
- Better understanding of convective systems leading to improved predictions of extreme events.
- Reduced uncertainties in climate models through a better representation of cloud formation, aerosol-cloud interaction, and their combined radiative properties.
- Use and assimilation of aerosol and cloud products from novel satellites (e.g. Earth CARE⁴⁴, MetOp-SG⁴⁵) for climate model improvement and validation and/or weather predictions.
- Contribution to IPCC assessments and other outputs by addressing this major knowledge gap in the Earth system and important source of uncertainty in climate models.

Scope: The challenge of this topic is to improve the representation of cloud life cycle, aerosol-cloud interactions and chemistry, cloud vertical structures, and the radiative properties of the various aerosol and cloud types that is the largest source of uncertainty in today's climate models, and represent an important knowledge gap in Earth system and climate science, and in the Earth radiation budget in particular. This requires better understanding of multiple scattering of radiation within the three-dimensional structure of clouds and different direct and indirect effects of aerosols on radiative transfer. It will lead also to a strengthened understanding of mechanisms through which clouds and aerosols significantly modify the planetary albedo and Earth-radiation budget. The science of cloud formation and its impact on climate should be advanced through an integrated use of in situ and satellite observations in high-resolution models which reproduce realistic cloud structures and their radiative properties.

The projects should address this challenge through:

- Making use of new and existing, in situ and satellite measurements, including reanalysis, new parameters such as water isotope composition, and laboratory experiments, in

세부 Topic 기대효과

주요 문의 사항 **2025년 계획**

- **2025-2027 Strategic Plan (second ver.)**
 - 3 key strategic orientation : ① Green transition ② Digital transition, ③ A more resilient, competitive, inclusive and Democratic Europe
 - 9 new co-programmed and co-funded European Partnerships
- **2025 워크프로그램 검토 중**
- EU 선거(6.4~6.6) 진행, 11~12월 집행위가 새롭게 구성
→ **Work Programme 2025가 3월말~4월초 확정 예정**

따라서, **2025년 첫 공고는 5월 예상**

주요 문의 사항

FAQ

- 과제 공고 확인하기

호라이즌 유럽 과제공고



EU FUNDING & TENDERS PORTAL

<https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/programmes/horizon>

또는 Google - Horizon Europe Call(s) 검색

The screenshot shows the 'EU Funding & Tenders Portal' website. The browser address bar displays the URL: <https://ec.europa.eu/info/funding-tenders/opportunities/portal/screen/opportunities/calls-for-proposals?order=DESC&pageNumber=1&pageSize=50&sort>. The page header includes the European Commission logo and the title 'EU Funding & Tenders Portal'. A navigation menu contains 'Home', 'Funding', 'Procurement', 'Projects & results', 'News & events', 'Work as an expert', and 'Guidance & documents'. The 'Funding' menu is active. Below the navigation, there are filters for 'Select...', 'Programming period', 'Horizon Europe (HORIZON)', and 'Call'. A search bar with 'Filter...' is visible. A list of funding opportunities is displayed, including 'European Researchers' Night and Researchers at Schools 2026-2027', 'Staff Exchanges 2024', and 'Market Uptake Measures of renewable energy systems'. Each entry includes details like the call number, opening date, next deadline, and type of action.

DACCS and BECCS for CO2 removal/negative emissions

HORIZON-CL5-2024-D3-02-12

Topic Call for proposal

Internal navigation

- General information
- Topic description
- Destination
- Conditions and documents
- Partner search announcements
- Start submission
- Topic Q&As
- Get support

General information

Programme
Horizon Europe Framework Programme (HORIZON) [Budget overview](#)

Call
Sustainable, secure and competitive energy supply (HORIZON-CL5-2024-D3-02)

Type of action
HORIZON-IA HORIZON Innovation Actions

Type of MGA
HORIZON Lump Sum Grant [HORIZON-AG-LS] [Forthcoming](#)

Deadline model
single-stage

Planned opening date
17 September 2024

Deadline date
21 January 2025 17:00:00 Brussels time

Topic description

ExpectedOutcome:
The European Union aims at reducing its net greenhouse gas emissions by at least 55% by 2030 compared to 1990 levels, and at achieving carbon neutrality by 2050. Under the European Green Deal, the Commission has also adopted a zero-pollution action plan, with a zero-pollution ambition, and a Biodiversity Strategy. In view of achieving these ambitious targets it is appropriate to further explore the developmen...

[Show more](#)

주요 문의 사항

FAQ

- 연구제안서 양식

주요 문의 사항 F&T 포털 연구제안서 양식

The screenshot displays the EU Funding & Tenders Portal interface. At the top, the European Commission logo and the text 'EU Funding & Tenders Portal' are visible, along with a 'Sign in' button and a language selector set to 'EN'. A navigation bar contains links for Home, Funding, Procurement, Projects & results, News & events, Work as an expert, and Guidance & documents, along with a search bar and a notification icon. A red box highlights the breadcrumb trail: Home > Funding > Calls for proposals > Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership). The main content area features the title 'Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership)' and the reference number 'HORIZON-CL5-2024-D4-02-05'. A 'Topic Call for proposal' label is present. On the left, an 'Internal navigation' sidebar lists options like General information, Topic description, Topic updates, Destination, Conditions and docum..., Partner search annou..., Start submission, and Topic Q&As. The main content area is divided into sections: 'General information' with a 'Budget overview' button, 'Programme' (Horizon Europe (HORIZON)), 'Call' (Efficient, sustainable and inclusive energy use (HORIZON-CL5-2024-D4-02)), and 'Type of action' (HORIZON-IA HORIZON Innovation Actions) and 'Type of MGA' (HORIZON Lump Sum Grant [HORIZON-AG-LS]) with an 'Open For Submission' button. At the bottom, 'Deadline model' (single-stage), 'Opening date' (17 September 2024), and 'Deadline date' (04 February 2025 17:00:00 Brussels time) are listed.

European Commission | EU Funding & Tenders Portal

Sign in EN

Home Funding Procurement Projects & results News & events Work as an expert Guidance & documents Search... Q

Home > Funding > Calls for proposals > Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership)

Digital solutions to foster participative design, planning and management of buildings, neighbourhoods and urban districts (Built4People Partnership)

HORIZON-CL5-2024-D4-02-05

Topic Call for proposal

Internal navigation

- General information
- Topic description
- Topic updates
- Destination
- Conditions and docum...
- Partner search annou...
- Start submission
- Topic Q&As

General information

Programme
Horizon Europe (HORIZON) [€ Budget overview](#)

Call
Efficient, sustainable and inclusive energy use (HORIZON-CL5-2024-D4-02)

Type of action
HORIZON-IA HORIZON Innovation Actions

Type of MGA
HORIZON Lump Sum Grant [HORIZON-AG-LS] [Open For Submission](#)

Deadline model
single-stage

Opening date
17 September 2024

Deadline date
04 February 2025 17:00:00 Brussels time

Topic description

주요 문의 사항 F&T 포털 연구제안서 양식

The screenshot shows the 'EU Funding & Tenders Portal' website. The header includes the European Commission logo and the text 'EU Funding & Tenders Portal'. A navigation bar contains links for Home, Funding, Procurement, Projects & results, News & events, Work as an expert, and Guidance & documents. A search bar is located on the right. The main content area is titled 'Documents' and lists various call documents. The item 'Standard application form (HE RIA, IA)' is highlighted with a red rectangular box. Other items listed include 'Standard application form', 'Template excel for the detailed budget costs breakdown (Lump Sum)', 'Presentation - Lump Sum Funding: What do I need to know?', 'Decision authorising Lump Sum under Horizon Europe', 'Standard evaluation form', 'Standard evaluation form (HE RIA, IA)', 'MGA', 'Lump Sum MGA v1.0', and 'Call-specific instructions'.

European Commission | EU Funding & Tenders Portal

Sign in EN

Home Funding Procurement Projects & results News & events Work as an expert Guidance & documents Search...

6. Legal and financial set-up of the grants, described in Annex 3 E of the Work Programme General Annexes

Specific conditions

Documents

Call documents:

Standard application form — *call-specific application form is available in the Submission System*

Standard application form (HE RIA, IA)

Template excel for the detailed budget costs breakdown (Lump Sum) ↗

Presentation - Lump Sum Funding: What do I need to know? ↗

Decision authorising Lump Sum under Horizon Europe ↗

Standard evaluation form — *will be used with the necessary adaptations*

Standard evaluation form (HE RIA, IA)

MGA

Lump Sum MGA v1.0

Call-specific instructions

주요 문의 사항 **F&T 포털 연구제안서 양식**



Horizon Europe Programme

Standard Application Form (HE RIA, IA)

Application form (Part A)
Project proposal – Technical description (Part B)

Version 8.0
4 April 2024

연구제안서 구조

- **Part A** : F&T 웹사이트 제출 시스템을 통해 연구자들이 입력한 정보를 기반 자동 생성
- **Part B** : 세 가지 섹션으로 구성된 서술 부분으로, 각 섹션은 평가 기준에 해당

특정 공모 또는 주제를 위한 제출 시스템에서 신청자들이 다운로드한 템플릿에 따라 PDF 문서로 업로드해야함

주요 문의 사항 **F&T 포털 연구제안서 양식**

PART A

1 – General information

Section 1 provides basic data on the proposal. It can be filled in by contacts of the coordinator. Other participants may view this section only. Read-only parts are marked in blue.

Topic	Type of action
Call	Type of Model Grant Agreement

Acronym

Acronym is mandatory

Proposal title

Max 200 characters (with spaces). Must be understandable for non-specialists in your field.

Note that for technical reasons, the following characters are not accepted in the Proposal Title and will be removed: < > " &

Duration in months

Estimated duration of the project in full months.

Fixed keyword

주요 문의 사항 **F&T 포털 연구제안서 양식**

PART A

Abstract

The abstract should provide the reader with a clear understanding of the objectives of the proposal, how they will be achieved, and their relevance to the Work Programme. This summary will be used as the short description of the proposal in the evaluation process and in communications to the programme management committees and other interested parties. It must therefore be short and precise and should not contain confidential information. Use plain typed text, avoiding formulas and other special characters. If the proposal is written in a language other than English, please include an English version of this abstract in the Part B (technical description) of the proposal.

2 – Participants

List of participating organisations

#	Participating Organisation Legal Name	Country
1		
2		
3		

주요 문의 사항 **F&T 포털 연구제안서 양식**

PART A

3 – Budget for the proposal

			Estimated expenditure						Estimated income								
			Estimated eligible costs						Requested EU contribution			Revenues	Other sources of financing		Total estimated income		
			EU contribution to eligible costs						Income generated by the action	Financial contributions	Own resources						
No	Participant name	Country	A. Personnel costs/€ (a1)	B. Subcontracting costs/€ (b)	C. Purchase costs			D. Other cost categories (dx)				E. Indirect costs/€ (e) = 25% * [(a1) + (c1) + (c2) + (c3) + (d7)]	Total eligible costs (h) = (a1) + (b) + (c1) + (c2) + (c3) + (d) + (e)	Funding rate (u)	Maximum EU contribution to eligible costs (l) = (u) * (h)	Requested EU contribution to eligible costs/€ (Requested grant amount) (m) (n)	(o)
					C.1 Travel and subsistence/€ (c1)	C.2 Equipment/€ (c2)	C.3 Other goods, works and services /€ (c3)										
1	Participant 1	NL															
2	Participant 2	LB															
	Affiliated Entity	LB															
3	Participant 3	DE															
	Associated Partner	AR															
Total																	

Example, not to be completed

주요 문의 사항 **F&T 포털 연구제안서 양식**

PART B

Proposal template Part B: technical description

(for full proposals: single stage submission procedure and 2nd stage of a two-stage submission procedure)

This template is to be used in a single-stage submission procedure or at the 2nd stage of a two-stage submission procedure.

The structure of this template must be followed when preparing your proposal. It has been designed to ensure that the important aspects of your planned work are presented in a way that will enable the experts to make an effective assessment against the evaluation criteria. Sections 1, 2 and 3 each correspond to an evaluation criterion.

Please be aware that proposals will be evaluated as they were submitted, rather than on their potential if certain changes were to be made. This means that only proposals that successfully address all the required aspects will have a chance of being funded. There will be no possibility for significant changes to content, budget and consortium composition during grant preparation.

⚠ Page limit: The title, list of participants and sections 1, 2 and 3, together, should not be longer than 45 pages. For topics using lump sum funding, the limit is 50 pages. All tables, figures, references and any other element pertaining to these sections must be included as an integral part of these sections and are thus counted against this page limit. The number of pages included in each section of this template is only **indicative**.

The page limit will be applied automatically. **At the end of this document you can see the structure of the actual proposal that you need to submit, please remove all instruction pages that are watermarked.**

If you attempt to upload a proposal longer than the specified limit before the deadline, you will receive an automatic warning and will be advised to shorten and re-upload the proposal. After the deadline, excess pages (in over-long proposals/applications) will be automatically made invisible, and will not be taken into consideration by

주요 문의 사항 **F&T 포털 연구제안서 양식**

PART B

1. Excellence #@REL-EVA-RE@#

Excellence – aspects to be taken into account.

- Clarity and pertinence of the project's objectives, and the extent to which the proposed work is ambitious, and goes beyond the state of the art.
- Soundness of the proposed methodology, including the underlying concepts, models, assumptions, interdisciplinary approaches, appropriate consideration of the gender dimension in research and innovation content, and the quality of open science practices, including sharing and management of research outputs and engagement of citizens, civil society and end users where appropriate.

⚠ *The following aspects will be taken into account only to the extent that the proposed work is within the scope of the work programme topic.*

1.1 Objectives and ambition #@PRJ-OBJ-PO@# [e.g. 4 pages]

- Briefly describe the objectives of your proposed work. Why are they pertinent to the work programme topic? Are they measurable and verifiable? Are they realistically achievable?

주요 문의 사항 **F&T 포털 연구제안서 양식**

PART B

2. Impact #@IMP-ACT-IA@#

Impact – aspects to be taken into account.

- Credibility of the pathways to achieve the expected outcomes and impacts specified in the work programme, and the likely scale and significance of the contributions due to the project.
- Suitability and quality of the measures to maximise expected outcomes and impacts, as set out in the dissemination and exploitation plan, including communication activities.

The results of your project should make a contribution to the expected outcomes set out for the work programme topic over the medium term, and to the wider expected impacts set out in the 'destination' over the longer term.

주요 문의 사항 **F&T 포털 연구제안서 양식**

PART B

3. Quality and efficiency of the implementation #@QUA-LIT-QL@# #@WRK-PLA-WP@#

Quality and efficiency of the implementation – aspects to be taken into account

- *Quality and effectiveness of the work plan, assessment of risks, and appropriateness of the effort assigned to work packages, and the resources overall*
- *Capacity and role of each participant, and extent to which the consortium as a whole brings together the necessary expertise.*

주요 문의 사항 **평가 기준**

Award Criteria

Excellence	Impact	Quality and efficiency of the implementation
<ul style="list-style-type: none">- Clarity and pertinence of the project's objectives, and the extent to which the proposed work is ambitious and goes beyond the state of the art.- Soundness of the proposed methodology	<ul style="list-style-type: none">- Credibility of the pathways to achieve the expected outcomes and impacts specified in the work programme, and the likely scale and significance of the contributions from the project.- Suitability and quality of the measures to maximise expected outcomes and impact	<ul style="list-style-type: none">- Quality and effectiveness of the work plan, assessment of risks, and appropriateness of the effort assigned to work packages, and the resources overall.- Capacity and role of each participant, and the extent to which the consortium as a whole brings together the necessary expertise

주요 문의 사항 **컨소시움 구성**



The screenshot shows the top portion of the Horizon Europe website. At the top left is the European Commission logo with the text 'European Commission'. To its right is a language selector showing 'EN'. Further right is a search bar with a magnifying glass icon and the text 'Search'. Below the header is a dark blue navigation bar with the text 'Research and innovation'. The main banner features an illustration of diverse people in a park-like setting with buildings and a tree, and the text 'INFO DAYS HORIZON EUROPE'. Below the banner is a breadcrumb trail: 'Home > Events > Horizon Europe info days'. The main heading is 'Horizon Europe info days', followed by the subtitle 'The EU research and innovation programme 2021 - 2027'. The introductory text reads: 'The Horizon Europe info days give to prospective applicants and other stakeholders of EU research and innovation the opportunity'.

European Commission

EN

Search

Research and innovation

INFO DAYS
HORIZON EUROPE

Home > Events > Horizon Europe info days

Horizon Europe info days

The EU research and innovation programme 2021 - 2027

The Horizon Europe info days give to prospective applicants and other stakeholders of EU research and innovation the opportunity

Proposal page limits and layout: described in Part B of the Application Form available in the Submission System...
[Show more](#)

Partner search announcements

80
Searches of partners to collaborate on this topic

[View / Edit](#)

LEARs, Account Administrators or self-registrants can publish partner requests for open and forthcoming topics after logging into this Portal, as well as any user having an active public Person profile.

Start submission

The submission system is planned to be opened on the date stated on the topic header.

Topic Q&As
0 item(s) found

[General FAQ](#)

Get support

Please read carefully all provisions below before the preparation of your application.

[Online Manual](#) is your guide on the procedures from proposal submission to managing your grant.

주요 문의 사항 **컨소시움 구성**

Crowdhelix - collaboration int: x +

crowdhelix.com

Network Discover Solutions About Log in

Collaboration Intelligence

Crowdhelix is an Open Innovation platform that forges links between an international network of excellent researchers and innovating companies, so that they can plan, deliver, and exploit pioneering collaborative projects and value chains

Register now Log in

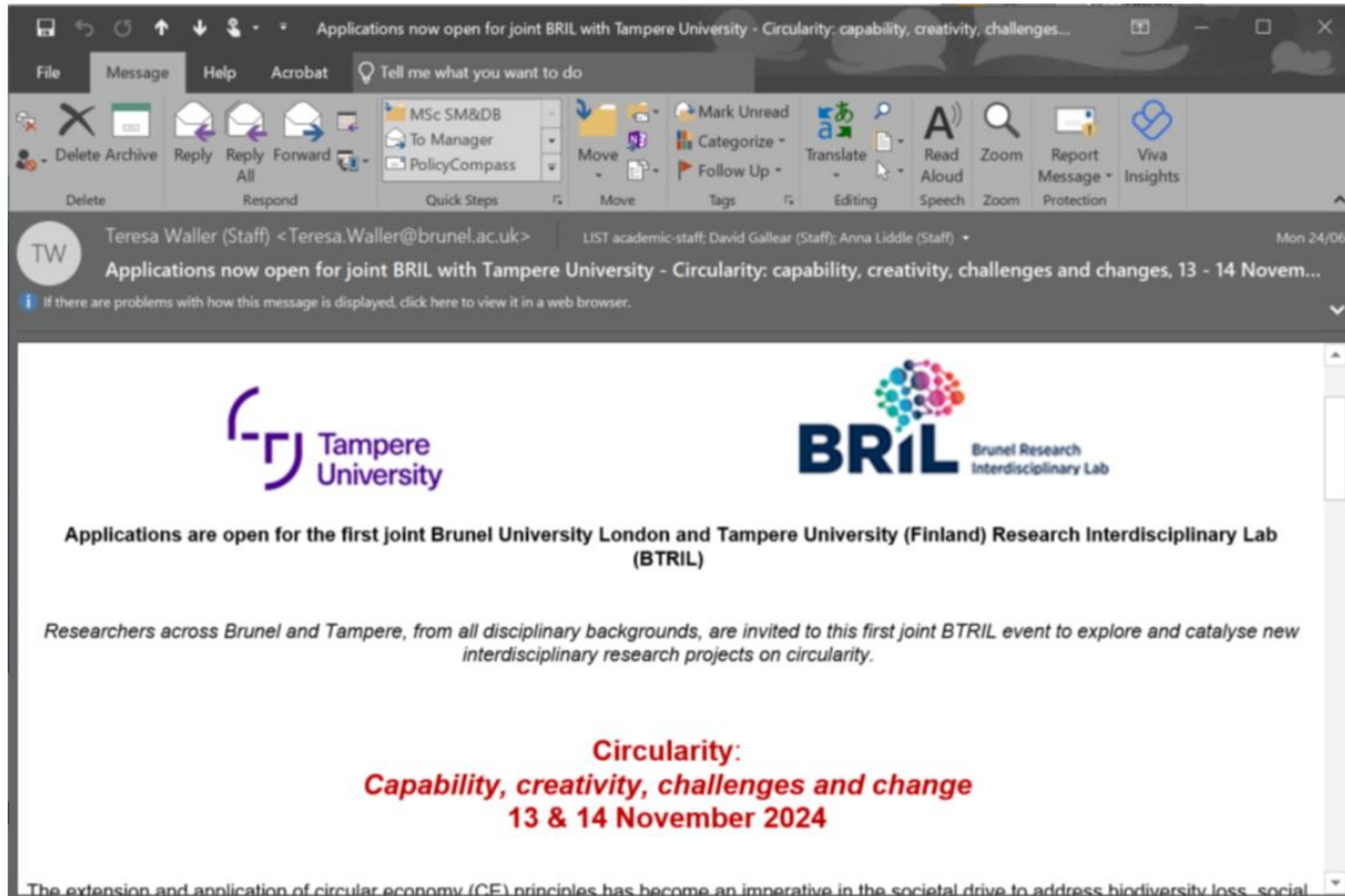
Reach out on and

2,706 Opportunities 15,498 Collaborators 809 Members 57 Countries

<https://crowdhelix.com/success-stories>

Fee Based Network (Crowdhelix)

주요 문의 사항 **컨소시움 구성**



**Strategic
Alliances
for EU
Grants**

한-EU 협력진흥사업

호라이즌 유럽 사전 준비 지원 받기

사업 목적

유럽 최대 다자간 연구혁신 프로그램인 Horizon Europe에 국내 연구진 참여 준비 활동 지원을 통한 한-EU 연구 활성화 도모

지원 분야

Horizon Europe 프로그램
쏠 연구분야
• Pillar 1 & Pillar 2

지원 규모

과제당 연간 25백만원 이내,
1년 / '25년 15과제 내외 예상

주요 문의 사항 **지식재산권**

- HE과 관련하여 한국 연구자는 EU 연구자와 동등한 지식재산권에 대한 권리 보장
- 컨소시움 구성 시 지식재산권에 대한 협의도 함께 진행
- 유의사항 : 지식재산권 이전 등 발생시 국내법 준수 필요

주요 문의 사항 **EU의 연구 시설**

- EU는 HE을 통해 6개의 JRC(Joint Research Centre) 운영 중
 - 브뤼셀 JRC, 벨기에 : 본부, 전략/계획 수립, JRC 활동 조정
 - 겔 JRC, 벨기에 : 표준화, 표준물질, 측정 방법 및 도구 개발
 - 카를스루에 JRC, 독일 : 원자력 안전 및 보안
 - 이스프라 JRC, 이탈리아 : 자원, 교통, 우주, 보안, 에너지, 기후변화 등
 - 페턴 JRC, 네덜란드 : 에너지, 운송, 기후, 원자력 등
 - 세비야 JRC, 스페인 : 정책 수립/개발/이행/모니터링 등

주요 문의 사항 **EU의 연구 시설**

Laboratories (5)

RSS

Showing results 1 to 5

KEYWORDS Karlsruhe

research body | FMR

Fuels and Materials Research

The Fuels and Materials Research facility provides an objective assessment and modelling of the safety-related behaviour of nuclear materials.



research body | HC-KA

Hot Cell Laboratory

The hot cell laboratory consists of 24 shielded hot cells where highly radioactive materials can be received, handled, examined and returned to their owners.



research body | LG-SIMS

Large Geometry-Secondary Ion Mass Spectrometry

Large Geometry-Secondary Ion Mass Spectrometry provides cutting-edge technology required for environmental sample analysis for nuclear safeguards and non-proliferation.



research body | PAMEC

Properties of Actinide Materials under Extreme Conditions

These elements are the backbone of nuclear fission technologies for electricity supply, with important applications in other strategic fields, from water management to space exploration and human health.



research body | EUSECTRA

The European Nuclear Security Training Centre

The European Nuclear Security Training Centre instructs front-line officers, trainers and experts on how to detect and respond to illicit trafficking of nuclear or other radioactive materials.



주요 문의 사항 **EU의 연구 시설**

- JRC 인프라를 활용할 수 있는 별도 연구과제 공고 진행
- Open access calls to JRC Research Infrastructures

[SMPA, Structural Materials Performance Assessment Laboratories \(EMMA\)
2023-1-RD-EMMA-SMPA](#)

Reference

2023-1-RD-EMMA-SMPA

Opening date

15 November 2023

Deadline model

Single-stage

Deadline date

31 March 2024

Call mode

Relevance driven

[Call for proposal: Hopkinson Bar facility, European Laboratory for Structural Assessment \(ELSA\)](#)

Reference

2020-1-MD-ELSA-HopLab

Deadline model

Permanent

Call mode

Market driven

주요 문의 사항

표준 협약서

- (한) 표준 협약서
 - (EU) Model Grant Agreement
- KEREC(Korea-EU Research Centre) 홈페이지 : Annotated MGA 번역본 제공

I. 일반 협약서 양식(일반 MGA)

서론

일반 > 범위 - EU 액션 그랜트란?

배경 및 범위 - 일반 MGA의 액션 유형

일반 협약서 양식에서는 **액션 그랜트**, 즉 EU 정책 목표¹를 달성하는 데 도움이 되는 활동이 포함되고 일반적으로 수혜자로 인해 발생하는 실제 비용을 기준으로 자금이 조달되는 프로젝트에 대한 그랜트를 다룬다.

다른 그랜트 카테고리는 다른 절(예: 단위 일반 협약서 양식, 럽섬 협약서 양식, 운용 일반 협약서 양식, 프레임워크 파트너십 협약서)에서 다룬다.

대개 액션 그랜트는 프로포잘에 대한 공개 초청을 통해 수여하지만, 초청 없이 바로 수여되는 경우도 있다.

다중 또는 단일 수혜자 액션에 해당될 수 있다.

2021-2027년 새로운 사항: 2021-2027년 다년 금융 프레임워크(MFF)에 따른 새로운 펀딩 프로그램과 관련해 모든 EU 프로그램의 일관성 및 간소화를 목적으로 하는 새로운 일반 MGA가 도입되었다. 프로그램별 조항은 6조 및 부록 5에 묶어서 제공한다.

새로운 EU AGA - 협약서 양식 주석판은 이러한 새로운 구조를 반영한다. 또한, 현재 다양한 프로그램에서 eGrants IT 도구(Funding & Tenders Portal)를 사용하기 때문에 주석판은 이러한 IT 도구를 통해 관리되는

주요 문의 사항 **NCP**






Horizon Europe National Contact Point (국가조정관) 제도 운영

- 주요 임무
 - 사업 관련 정보 공유 및 안내(Informing and awareness raising)
 - 신규 연구자 및 기관의 참여 지원(Assisting, advising and training)
 - 관련 기관 안내 및 NCP 간 협력(Signposting and cooperation)

주요 문의 사항 **NCP**

구분	분야	구분	분야
1	NCP Coordinator	10	Climate, Energy & Mobility
2	Legal & Financial aspects	11	Food, Bioeconomy, Natural Resources, Agriculture and Environment
3	European Research Council	12	The European Innovation Council & European Innovation Ecosystems
4	Marie Skłodowska-Curie Actions	13	Widening Participation & ERA
5	Research Infrastructures	14	Fission
6	Health	15	Fusion
7	Culture, Creativity & Inclusive Society	16	Joint Research Centre
8	Civil Security for Society	17	European Institute of Innovation & Technology
9	Digital Industry & Space	18	EU Missions

주요 문의 사항 **NCP**



Türkiye NCP Contact

Person of Contact: Çağrı YILDIRIM
Functions (s): NCP Coordinator | Climate, Energy and Mobility | EU Missions
Update date: 20-SEP-22
Record control number: 150024

Organisation:
TUBITAK
TÜBİTAK Başkanlık Tunus Caddesi No: 80 - 06680
Kavaklıdere, Ankara | Türkiye
Telf: +90 312 298 1884 **Fax:** N/A
Website: N/A

Türkiye NCP Contact

Person of Contact: İpek ÇİÇEKDAĞ AYHAN
Functions (s): Civil Security for Society | EU Missions
Update date: 20-JUL-23
Record control number: 150042

Organisation:
Directorate for EU Affairs, Department of Union Programmes
Cankaya Mustafa Kemal Mahallesi 2082. Cadde 5 - 06530
Ankara | Türkiye
Telf: +90 312 218 1593 **Fax:** N/A
Website: N/A

주요 문의 사항 **Gender Equality Plan(GEP)**

호라이즌 유럽 체계 내 성 평등 관련 주요 정책

- 호라이즌 유럽은 미래의 연구환경 및 문화 발전을 위하여, 인종, 나이, 종교, 성별, 문화적 차이 등에 대한 다양성을 존중하고 있으며, 특히 성평등에 관한 가치(다양성)를 중요하게 여기고 있음
- (GEP 의무화) 호라이즌 유럽으로 연구비를 지원받는 기관은 성평등 계획(GEP)을 수립 및 이행하고 보고
 - 각 기관이 양성 평등을 위한 각자의 목표를 정하고 달성 과정을 보고해야함

주요 문의 사항 Gender Equality Plan(GEP)

GEP 필수 요구 사항

- **(공개)** 연구기관의 최고 경영진이 서명한 GEP를 공식 웹사이트에 게시하여 모든 조직 구성원이 알 수 있어야 함
- **(전문적 지원)** 전문적인 성 평등 구현 방법과 실행을 담보한 약속이 명시 GEP에 명시되어야 함
- **(데이터 수집 및 모니터링)** 조직 내 성별 분류데이터(필요 시 학생의 데이터도 포함) 및 지표를 분석하고 최초 목표 달성을 위한 이행 노력을 연간 단위로 보고
- **(교육)** 직원 및 의사결정자를 위한 성 평등 교육과 무의식적인 성별 편견에 대한 인식 확산 교육 실시

기타 사항

전문가 참여

- 과제 평가위원 pool 등록 요청 (Experts 등록)

The screenshot shows a web browser window with the URL `ec.europa.eu/research/participants/experts/web/dashboard`. The page header includes the European Commission logo and the title "My Expert Area". A left-hand navigation menu contains the following items: DASHBOARD, PERSONAL DATA, CV, BANK ACCOUNT, CONTRACTS AND INVITATIO..., PAYMENTS, and HELP. The main content area features a "Welcome" message, a banner image of European Union flags, and a section for "Active Tasks" which shows "0" tasks. Below this, there are buttons for "Contracts and Invitations" and "Payments". On the right side, a notification box states "Your profile is 100% complete" and provides instructions: "Only experts with complete profiles are contracted. Complete all sections to increase your visibility." At the bottom right, there is a blue button labeled "Delegations".

Horizon Europe

THANK
YOU



과학기술정보통신부
구주아프리카협력담당관



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