

Horizon Europe Workshop

European Partnerships – involvement of Associated Countries

3 February 2022

Scope of this workshop

Scope of this webinar

We will present & discuss:

- Background information on three types of the European Partnerships with the focus on Partnerships with Member States' and Associated Countries' involvement
- Guidelines on how to participate in the European Partnerships as an Associated Country
- The benefits of participation in the European Partnerships for the Associated Countries
- Good practice based on experience in the former successful European Partnerships" (ERA-NET etc.)

We will NOT discuss:

- x Associated Countries' involvement in individual Partnerships
- x Researchers' involvement in the European Partnerships



#HorizonEU

HORIZON EUROPE

THE EU RESEARCH & INNOVATION PROGRAMME

2021 – 2027

EUROPEAN PARTNERSHIPS IN
HORIZON EUROPE

Marco FRANZA, RTD G.4

Overview

1. Intro: partnership landscape and portfolio
2. Status of Associations to Horizon Europe
3. Institutionalised partnerships
4. Co-programmed partnerships
5. Co-funded partnerships
6. Synergies
7. Strategic Coordinating Process



New approach to European Partnerships

New generation of objective-driven and more ambitious partnerships in support of agreed EU policy objectives

Key Features

- **Strategic orientation**
- **Simple architecture and toolbox**
- **Common set of criteria for the life-cycle**

CO-PROGRAMMED

Based on Memoranda of Understanding/contractual arrangements; implemented independently by the partners and by Horizon Europe

CO-FUNDED

Based on a joint programme agreed and implemented by partners; commitment of partners for financial and in-kind contributions

INSTITUTIONALISED

Based on long-term dimension and need for high integration; partnerships based on Art 185/187 of TFEU and the EIT legal acts for 2021-2027

Overview of 49 candidate European Partnerships

PILLAR II - Global challenges & European industrial competitiveness

CLUSTER 1: Health	CLUSTER 4: Digital, Industry & Space	CLUSTER 5: Climate, Energy & Mobility
Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen
Global Health Partnership	Smart Networks & Services	Clean Aviation
Transformation of health systems	High Performance Computing	Single European Sky ATM Research 3
Chemicals risk assessment	European Metrology (Art. 185)	Europe's Rail
ERA for Health	AI-Data-Robotics	Connected and Automated Mobility (CCAM)
Rare diseases*	Photonics	Batteries
One-Health Anti Microbial Resistance*	Made in Europe	Zero-emission waterborne transport
Personalised Medicine*	Clean steel – low-carbon steelmaking	Zero-emission road transport
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	SUPPORT TO INNOVATION ECOSYSTEMS
InnoEnergy	Innovative SMEs
Climate	
Digital	
Food	
Health	
Raw Materials	
Manufacturing	
Urban Mobility	
Cultural and Creative Industries	

CROSS-PILLARS II AND III

European Open Science Cloud

* Calls with opening dates in 2023-24

** Calls with opening dates not before 2022

Current and Future Associated Countries*

Association Agreements in force

Bosnia and Herzegovina

Georgia

Iceland

Israel

Moldova

Montenegro

North Macedonia

Norway

Serbia

Turkey

The transitional arrangement is applicable to (*General Annexes to the Horizon Europe Work Programme 2021-2022*):

Albania (*agreement to be signed*)

Armenia (*soon in force*)

Faroe Islands (*agreement to be signed*)

Kosovo (*soon in force*)

Morocco (*negotiations on-going*)

Tunisia (*agreement to be signed*)

Ukraine (*soon in force*)

United Kingdom

For more information, consult this link: [here](#)

* Updated on 20.01.2022

Important milestones

23 February 2021: Adoption of Commission proposals for ***Metrology*** (Article 185 TFEU) and the ***Single Basic Act*** for **nine Joint Undertakings** (Article 187), followed by negotiations (institutionalised European Partnerships)

June 2021: launch of **11 co-programmed European Partnerships** with the signing of the ***MoUs***

Q3/4 2021: Calls for proposals open for the **co-funded European Partnerships**, under the 2021/22 WP

Institutionalised European partnerships

- A **Single Basic Act** (SBA) for **9 JUs** enables to reinforce synergies across partnerships
- Political agreement on the **SBA** reached during Research Working Party of 16 September 2021
- 19 November 2021: Adoption of Council Regulation (EU) 2021/2085 establishing the Joint Undertakings (**SBA**)
- 24 November 2021: Adoption of Decision (EU) 2021/2084 of the European Parliament and of the Council on **Metrology**

- **Legal basis: Article 185 and Article 187 of the TFEU – requires the**
 - **preparation and adoption of a Commission proposal (incl. ex-ante impact assessment)**
 - **a Decision of European Parliament and Council (Art 185) / Council Regulation (Art 187, EIT)**

Estimated EU contribution: EUR 10.8 billion (A185/7) + EUR 2.6 billion (KICs)

Co-programmed partnerships

- **12 co-programmed European Partnerships** included in the **Horizon Europe Strategic Plan**
- **Commission Decision** authorising the **11 Memoranda of Understanding and their signature** was adopted on 14 June 2021
- **Formal signature process nearly finalised**
- Co-programmed partnerships **have started their work in parallel**
- First topics included in the **first Horizon Europe work programmes**
- **Additional activities plans** in full development

Legal form: Memorandum of Understanding (signed between representatives of the partners and the Commission)

Most relevant current actions: Contractual Public-Private-Partnerships (cPPP)

Estimated EU contribution to the 12 co-programmed partnerships: EUR 8.4 billion

Co-funded partnerships

- **16 co-programmed European Partnerships** included in the **Horizon Europe Strategic Plan**
- These represent the majority of partnerships in **Cluster 1** and **Cluster 6**
- **9** have been launched with call topics in the **2021/22** Horizon Europe work programme
- **The next 7** will be launched with call topics in the **2023/24** Horizon Europe work programme

Legal form: Programme Co-fund Actions (grant agreement)

Most relevant current actions: ERA-NETs, EJPs, JPIs

Estimated EU contribution to the 12 co-programmed partnerships: EUR 2.3 billion

Synergies

- Horizon Europe partnerships need to take a **systemic approach** in the achievement of the objectives, and ensure **coordination with other relevant R&I initiatives at EU, national and international level, including between partnerships themselves** (*bilateral and multilateral*)
 - **Developing synergies is essential!**
- All partnerships need to have a **Strategic Research and Innovation Agenda** prior to launch
 - **Allows to agree collaborations and synergies ex ante**
- Work is ongoing to translate priorities into operational implementation
 - **E.g. joint coordinated activities, joint governance (e.g. Inter-Partnership Assembly), etc.**
- Specific issue for co-funded and institutionalised partnerships: the use of **cohesion policy funds** as national contribution (Article 15.2(3))
 - **The cross-cutting theme of the first Biennial Monitoring Report for European Partnerships is synergies (publication expected in April 2022, tbc)**

Strategic Coordination Process and Partnerships Knowledge Hub

Horizon Europe sets a new governance framework for European Partnerships – the so-called strategic coordinating process for partnerships to ensure strategic oversight of the partnership portfolio and evidence-based policy-making. More info on [EC website](#).

Building blocks:

- **Programme committee:** general information on implementation + identification on new co-programmed and co-funded partnerships (2nd Strategic Plan)
- **Partnership Knowledge Hub** (*launched in October 2021 as EC expert group*): working-level interactions between the Commission, EU countries, as well as partnership representatives on issues related to monitoring, mutual learning and foresight. *← assumes the existence or willingness to set up national level governance/ coordination mechanisms to ensure commitments throughout the life-cycle of partnerships.*
- **Partnership Stakeholder Forum**: regular event bringing together the whole community discussing policy and practical dimensions related to Partnerships.

Associated countries interested to join the Partnership Knowledge Hub, should express their interest by writing to RTD-EUROPEAN-PARTNERSHIPS@ec.europa.eu.

Strategic Coordinating Process implementation

1. The **Biennial Monitoring Report (BMR)** for EU R&I partnerships – the most **visible output** of the strategic coordinating process providing evidence-base for strategic discussion
 - First BMR baseline planned for 1Q 2022
 - The BMR will contain standardised 3-page fiche per country and partnership.
 - **EC expert group on support of the strategic coordinating process** in charge for the drafting the BMR, under the framework of the **PKH**

*The first interim report of the independent expert group –
<https://europa.eu/!b3TBfW>*

Useful sources of information

1. European partnerships webpage on europa.eu:

- ✓ Here you will find all the published partnership proposals
- ✓ Report on coherence and synergies
- ✓ Infographics

2. www.era-learn.eu

- ✓ Contains a large variety of detailed information on the financial management of European partnerships, guidelines on SRIA development, etc.

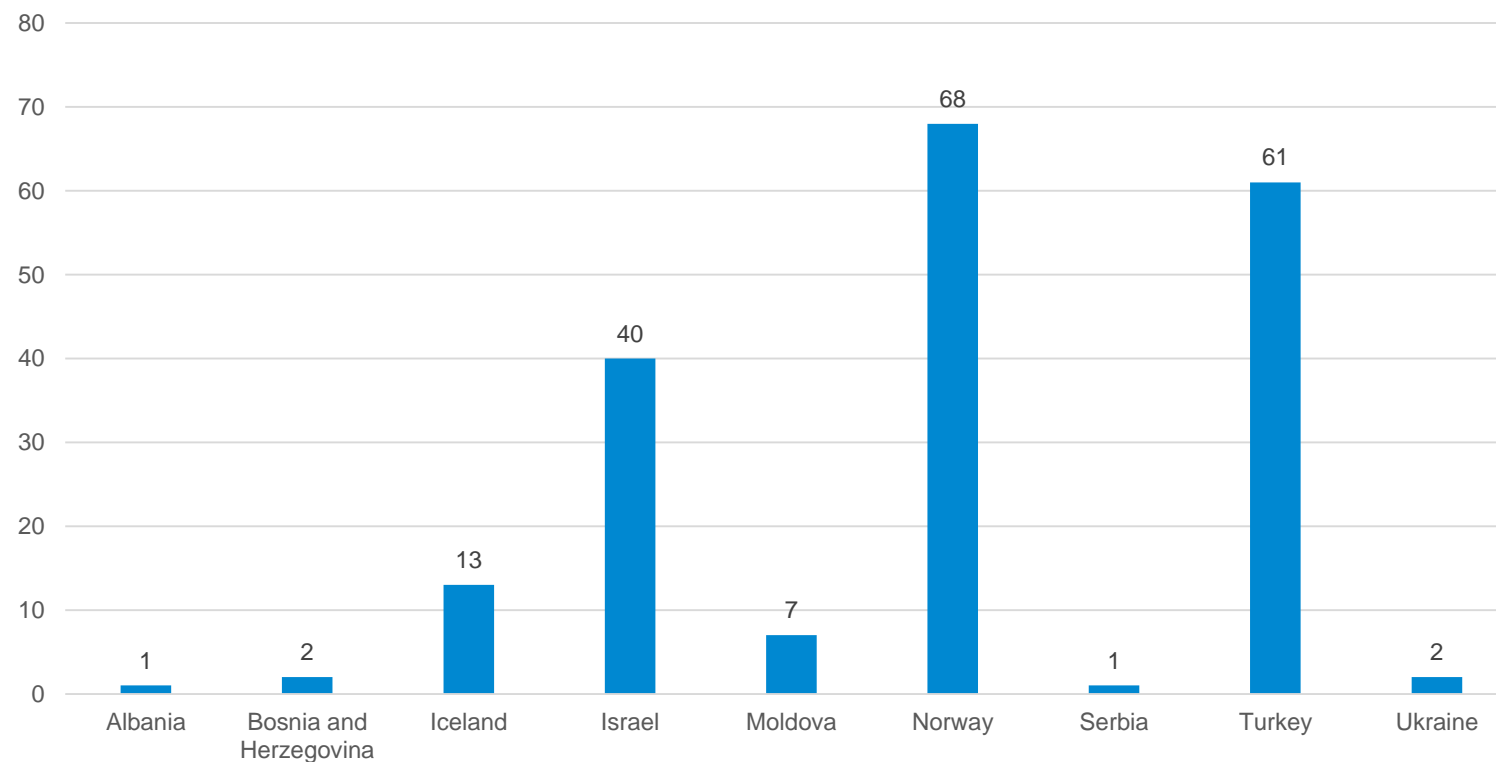
Overview of the participation of Associated Countries in Horizon 2020 Partnerships

Participations in H2020 networks per Associated Country

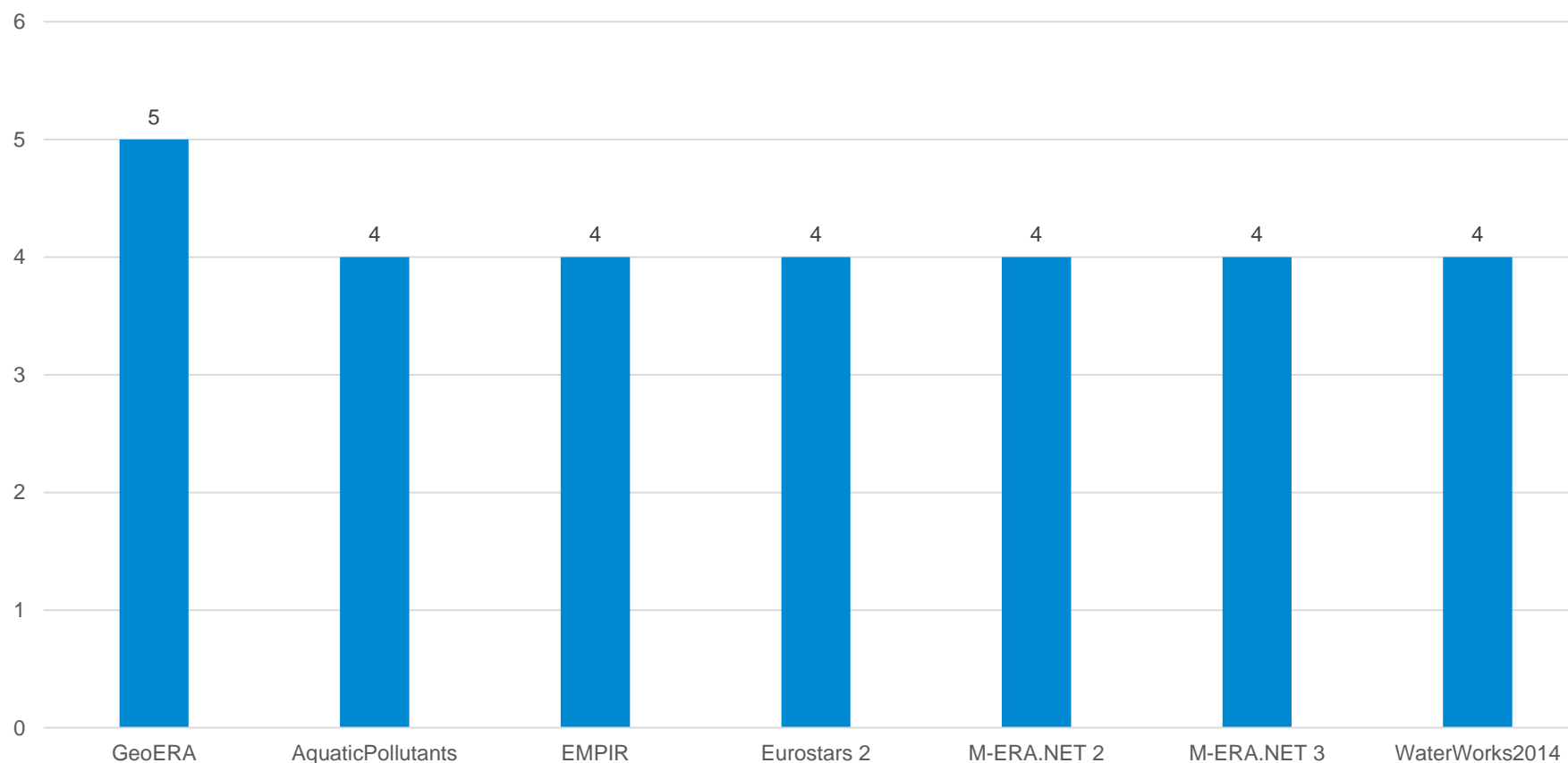
very active: Norway, Turkey and Israel

no involvement: Armenia, Faroe Islands, Georgia, Kosovo, Montenegro, North Macedonia

**countries selected according to workshop invitations*



The graph shows those networks with the highest numbers of Associated Countries:

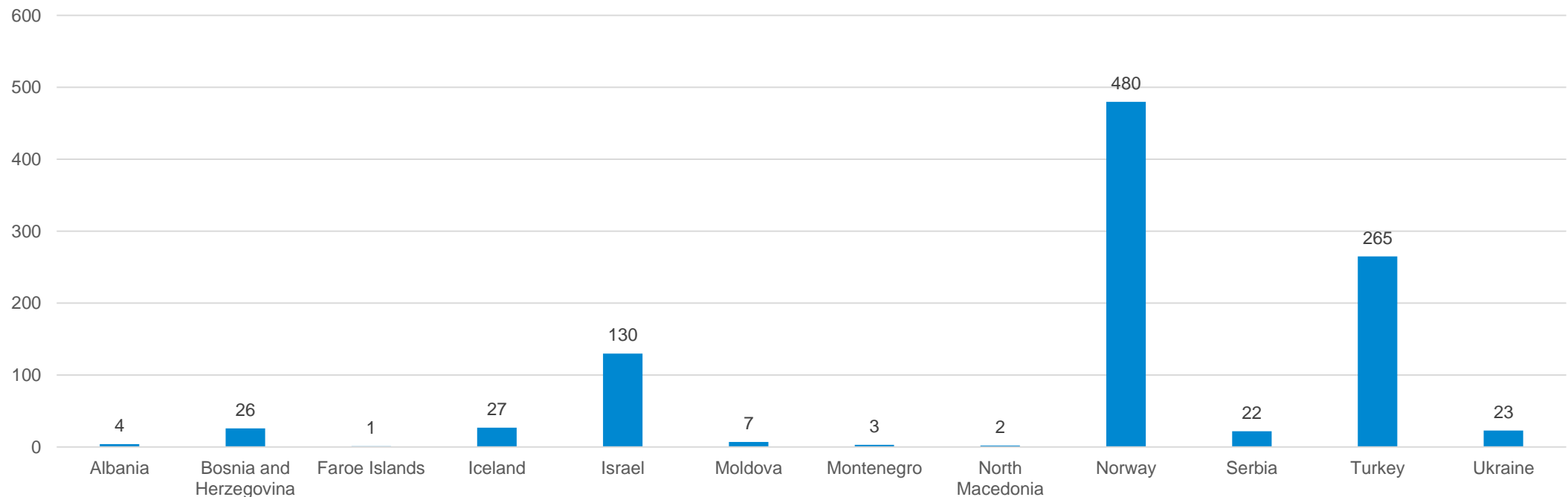


Funded research projects in H2020 networks per Associated Country

very active: Norway, Turkey and Israel

**countries selected according to workshop invitations*

no involvement: Armenia, Georgia, Kosovo



Example:

Home / Explore Partnerships / Partnerships

Partnerships

Note: The partnership database is built on data received by the EC and depends on updates by the network coordinators. Please send updates at any time to office(at)era-learn.eu

Country participating

Turkey

Partnership format

No value

Status

No value

Funding Framework

Horizon 2020

Partnership filter options

No value

Filter networks

Clear filter

Show more filter options

Showing 1 to 25 of 61 entries

Search ...

Show 25 entries

ACRONYM	FULL NAME	START DATE	END DATE	FUNDING FRAMEWORK	PARTNERSHIP FORMAT	COUNTRIES	COORDINATOR
M-ERA-NET 3	ERA-NET for research and innovation on materials and battery technologies, supporting the European Green Deal	01/03/2021	28/02/2026	Horizon 2020	ERA-NET CoFund	36	FFG
TRANSCAN-3	ERA-NET: Sustained collaboration of national and regional programmes in cancer research	01/03/2021	28/02/2026	Horizon 2020	ERA-NET CoFund	20	MOH/MDS
NEURON CoFund2	Network of European funding for neuroscience research	01/01/2021	31/12/2025	Horizon 2020	ERA-NET CoFund	23	DLR
QuantERA II	QuantERA II ERA-NET CoFund in Quantum Technologies	01/01/2021	31/12/2025	Horizon 2020	ERA-NET CoFund	30	NCN
EnerDigit	ERA-Net Digitalisation of Energy Systems and Networks	01/12/2020	30/11/2025	Horizon 2020	ERA-NET CoFund	19	BMK
ERA-MIN3	Raw Materials for the Sustainable Development and the Circular Economy	01/12/2020	30/11/2025	Horizon 2020	ERA-NET CoFund	20	FCT
BiodivRestore	Promoting & implementing joint programming to reinforce transnational research for the conservation and restoration of degraded ecosystems and their biodiversity, including a focus on aquatic systems	01/10/2020	30/09/2025	Horizon 2020	ERA-NET CoFund	28	FRB

Turkey cooperation overview: P2P networks

Show map

Show report

Turkey is involved in 61 P2P networks.

Show cooperations in

Networks

Calls

Projects

Type of network

No value

Funding Framework

Horizon 2020

Filter

World map showing Turkey highlighted in yellow, indicating its involvement in P2P networks.



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THE EU RESEARCH & INNOVATION PROGRAMME

2021 – 2027

EUROPEAN PARTNERSHIPS IN
HORIZON EUROPE

Davide Valitutti, RTD G.4

Overview

- 1. The portfolio**
- 2. How to join a European Partnership?**
 - a) Partnerships with Participation States (public-public)
 - b) Partnerships with Industry (public-private)
- 3. Letters of commitment**

Overview of 49 European Partnerships

PILLAR II - Global challenges & European industrial competitiveness

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PILLAR III - Innovative Europe

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Urban Mobility	
Cultural and Creative Industries	

Animal Health & Welfare*
Accelerating Farming Systems Transitions*
Agriculture of Data*
Safe & Sustainable Food System*

CROSS-PILLARS II AND III

European Open Science Cloud

* Calls with opening dates in 2023-24

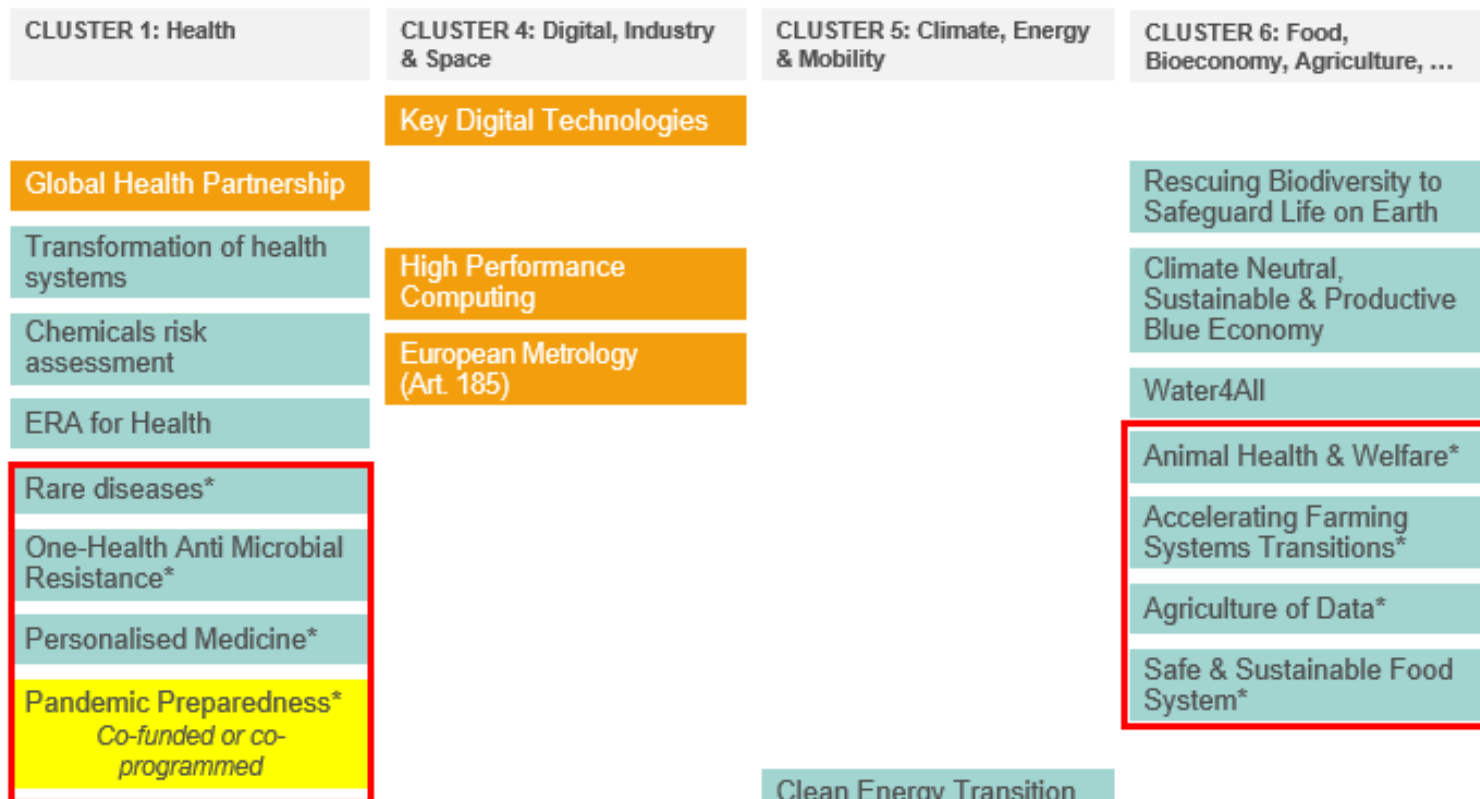
** Calls with opening dates not before 2022

European Partnerships with Participating States



European Partnerships with Participating States

PILLAR II - Global challenges & European industrial competitiveness



PILLAR III - Innovative Europe



CROSS-PILLARS II AND III



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** Calls with opening dates not before 2022

Co-funded partnerships: 2021-22

Cluster 1	Call opening/closing
Risk Assessment of Chemicals	<i>Call open: 22 June 2021</i> <i>Call deadline: 21 September 2021</i>
Transforming Health and Care Systems	Call open: 6 October 2021 Call deadline: 21 April 2022
ERA 4 Health	Call open: 12 January 2022 Call deadline: 21 April 2022
Cluster 5	
Clean Energy Transitions	<i>Call open: 24 June 2021</i> <i>Call deadline: 19 October 2021</i>
Driving Urban Transitions	<i>Call open: 24 June 2021</i> <i>Call deadline: 19 October 2021</i>
Cluster 6	
Biodiversity	<i>Call open: 22 June 2021</i> <i>Call deadline: 22 July 2021</i>
Sustainable Blue Economy	Call open: 28 October 2021 Call deadline: 15 February 2022
Water 4 All	<i>Call open: 22 June 2021</i> <i>Call deadline: 6 October 2021</i>
Pillar III	
Innovative SMEs	<i>Call open: 22 June 2021</i> <i>Call deadline: 1 September 2021</i>

In **red**: calls that are now closed
In **green**: calls that are still open

Co-funded partnerships: 2023-2024

List of 2023/24 Partnerships	
Cluster 1	Cluster 6
1. Personalised Medicine	1. Accelerating Farming Systems Transition
2. Rare Diseases	2. Animal Health
3. One Health / Antimicrobial Resistance	3. Agriculture of Data
4. Pandemic Preparedness (no decision yet)	4. Safe and Sustainable Food Systems

Next Steps

2021	
End of 2021	Preparation of draft proposal, in interaction with the Commission services, in order to have a sufficiently stable draft by early 2022'
2022	
January 2022	Partnership leads submit their input to the WP 2023/24
February 2022	Request for commitments from MS and AC for each partnership planned for WP 2023/24
June 2022	Draft WP 2023/24 is finalised and goes into ISC
2023	
TBC	Calls for proposals open for the co-funded partnerships, under the 2023/24 WP (the SRIA should be finalised by the opening date of the call)
TBC	Deadline for the partnership consortium to submit its proposal in reply to the call

Commitment Letters

Why are we asking for these commitments?

- The Horizon Europe Regulation (Annex III, 1(c)) requires the «***ex ante demonstration of the partners' long-term commitment***» before establishing a partnership.
- These commitments allow the Commission to calculate the resources it will allocate to each partnership involving participating States.

When will you receive the letter?

- The letter will be sent by Commissioner Gabriel in the **second week of February**.
- It will ask all Member States and Associated Countries to provide us with the best possible estimation of the resources you will commit to partnerships by **30 April 2022**.

What will it ask you to provide?

- You will be asked to **quantify the resources** you are willing to commit for the entire duration of the partnerships (financial & in-kind).
- **Financial contributions** are the amount of cash you will dedicate to **calls for proposals** in the area of activity of the partnership.
- **In-kind contributions** are all other resources you will allocate to the partnership (personnel, infrastructure, subcontracting, etc.)

Example

The letter will come with two annexes, which will list all the partnerships involving participating States to which you can commit.

Example of requested information per partnerships:

European Partnership on Transforming Health and Care Systems			
We will participate in the partnership	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Undecided <input type="checkbox"/>
Lead Ministry at national level [organisation, name, position, e-mail address]			
Indicative commitments for the full duration of the initiative [in € million]			
Financial contributions			
In-kind contributions			
Comments			

Other Partnerships involving State Participation

1

European Metrology

EuroHPC

Key Digital Technologies

- Notification of participation via a letter of commitment by Member States and Associated Countries.
- A 'participating state' is any Member State or country associated to Horizon Europe upon notification of its participation in the activities of the relevant joint undertaking by means of a letter of commitment

2

Global Health Partnership
EDCTP3

European Open Science
Cloud

- These partnerships involve MS/AC, **BUT** they are represented by private associations.
- EDCTP and EOSC associations

NB: In all cases Participating States commit to match EC commitments (where applicable, to cover administrative costs).

How will your contributions be administered?

- **Article 12 of SBA:** Each participating state shall make an indicative commitment of the amount of their national financial contributions to the joint undertaking. Such commitment shall be made prior to the adoption of the work programme.
- The selection of proposals shall be based on the ranking list provided by the evaluation committee.
- Horizon Europe selection and award criteria apply.

For the financial management you can choose between two options

Centralised (NEW!)	Coordination
The participating State entrusts the JU with the payment of its contribution to its beneficiaries.	The Participating State and the JU will sign two separate grant agreements and manage the two grants in parallel.
Participating States have a veto right over the use of their national funding for applicants from their State.	EU selection and award criteria apply, but Participating States can add additional criteria.
Projects are managed directly by the JU.	The grants will be implemented in parallel, with synchronised reporting periods, payments and audit requirements.

European Partnerships with Industry



European partnerships with 'industry' participation

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Innovative Health Initiative	Key Digital Technologies	Clean Hydrogen	Circular Bio-based Europe
	Smart Networks & Services	Clean Aviation	
	High Performance Computing	Single European Sky ATM Research 3	
		Europe's Rail	
	AI-Data-Robotics	Connected and Automated Mobility (CCAM)	
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	Clean steel – low-carbon steelmaking	Zero-emission road transport	
	Processes4Planet	Built4People	
	Global competitive space systems**		

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CROSS-PILLARS II AND III

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 ** Calls with opening dates not before 2022



Important to know:

- ❖ Private members are usually represented by associations

→ Join the association

- ❖ Clean Aviation, Single European Sky and Europe's Rail: founding members listed in the SBA.

→ Open calls for expression of interest to select new members

- ❖ EIT KICs: community membership typically fully open

→ Check their [website](#)



Exceptions: public-private partnerships without associations

Clean
Aviation

Europe's
Rail

SESAR3

- ❖ Private partners are **NOT** represented by an association in these partnerships.
- ❖ To add new partners from Associated Countries, calls for expressions of interest will be organised.
- ❖ For more details on the timeline of these calls, please contact EC representatives.



To become a partner in SESAR3, a separate international agreement in the aviation sector is necessary.

Partnerships in Practice: Financial administration

Co-Programmed Partnerships: implemented through Horizon Europe calls (included in the regular work programmes) - administration like any other Horizon Europe project

Institutionalised Partnerships: Integrated programmes with centralised implementation and own legal basis – administration with Joint Undertakings

Co-funded European Partnerships: a lot of experience with financial administration gained from H2020 ERA-NET Cofund and EJP Cofund

Co-funded European Partnerships: financial management in practice

- the total EC contribution will be calculated as a percentage of the **total eligible costs**
- to **create eligible costs for co-funding**, the financial administration of a co-funded Eur. Partnership must comply with the EC rules for any Horizon Europe action
- each **consortium agrees internally** on how the EU contribution is used best and distributed internally (same principle as for Horizon 2020 ERA-NET Cofund and EJP Cofund actions)
- each consortium agrees on the **allocation of the EC contribution to each activity and beneficiary**
- among the main activities of the co-funded Partnerships is the implementation of **joint calls**

Co-funded European Partnerships:

Joint calls: practical experience with funding modes

mixed mode (most frequent case):

- a lot of experience -used by the majority of H2020 ERA-NET Co-fund networks
- a part of the available EC top-up is allocated to funding organisations proportionally to their own commitments (juste retour) while another part is used as a “**balancing pot**” to fill gaps in the funding list
- the network consortium decides which proportion is likely to **deliver the most convenient result** (=max. number of funded proposals AND individual return), e.g. to **fund as many projects as possible**
- mixed mode enables national/regional programme owners to retain substantial autonomy and **control of their own national/regional budgets** and funding decisions while a part of the budget is dedicated to **funding the proposals with the highest quality**.

real common pot (rare):

- used by a few ERA-NET Co-fund networks –delivers **longest selection list**
- no fixed individual return rate (could be 0%)

fixed return (rare):

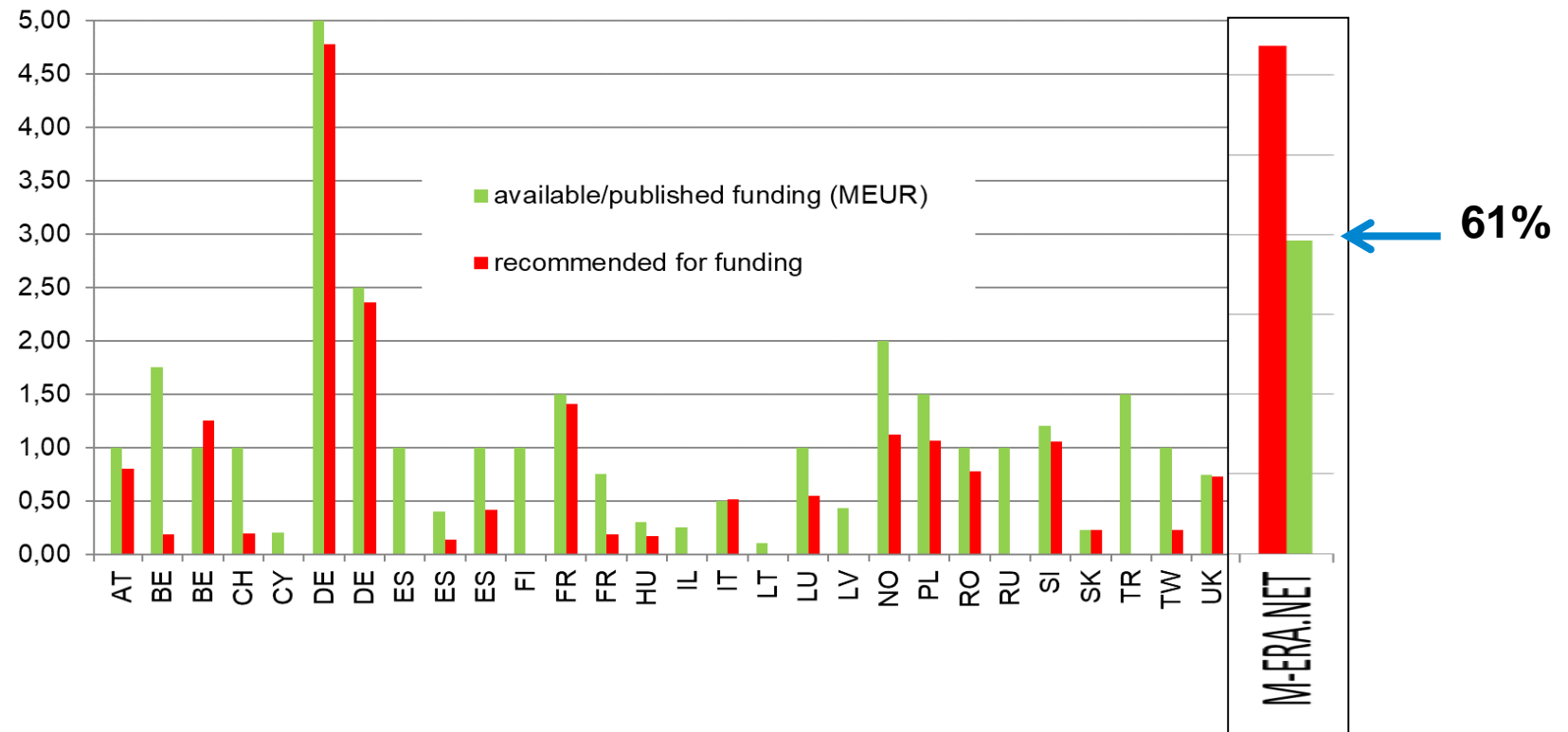
- fixed percentage of top-up funding for each national budget
- still **substantial risk** in the ranking list -small budgets will still be small budgets/bottlenecks even with EC top-up

Co-funded European Partnerships: Joint calls: Why to balance budgets –use of EC contribution

❖ goal: balance between available budgets and requested amounts

example: joint call without EC contribution to fill funding gaps

- oversubscribed vs undersubscribed national budgets
- example: only 61% of the total available national/regional funding could be used because of unbalanced budgets
→ could be avoided with flexible distribution of EU funding for gap filling



Co-funded European Partnerships: Other activities

- **EU funding is at a constant rate** per grant agreement [typically 30%, in exceptional cases 50%] and is generated by eligible costs (joint calls and other **activities described and agreed in GA and annual work plan**)
- a **consortium can decide** to allocate the EC contribution to the planned activities differently which can result in **different funding rates for different activities** or partners.
- Example:

Activity	eligible costs	EC funding rate	EC contribution	internally agreed funding rate	internal allocation of EC contribution	in-kind contribution
Coordination/Management	€ 250.000	30%	€ 75.000	100%	€ 250.000	-
Capacity Building	€ 550.000	30%	€ 165.000	18%	€ 100.000	€ 450.000
Monitoring/Impact Assessment	€ 700.000	30%	€ 210.000	14%	€ 100.000	€ 600.000
etc.	...	30%
Total	€ 1.500.000		€ 450.000		€ 450.000	€ 1.050.000

- **But: different internal funding rates for different activities will increase the complexity → management efforts will be higher**

- to make best use of the EC funding **the consortium decides in the consortium agreement** how to use the EC funding
- most of the co-funded Partnerships agree on a higher internal funding rate for certain activities or very active partners (e.g. call secretariat)
- in most joint calls the so-called „mixed mode“ is applied
- important: EC rules and internal arrangements should not be mixed up



Norwegian participation in partnerships

Rune Vistad, Director, Department for International Cooperation at the Research Council of Norway

Norwegian participation in public-public partnerships *

In total (FP6, FP7, H2020):

- 174 partnership participations
- Some 800 funded projects with Norwegian participation

In Horizon 2020:

- 68 partnerships in total
 - ✓ 60 ERA-NET Cofunds
 - ✓ 4 EJP Cofunds
 - ✓ 4 Art 185
 - ✓ 480 projects with Norwegian participation



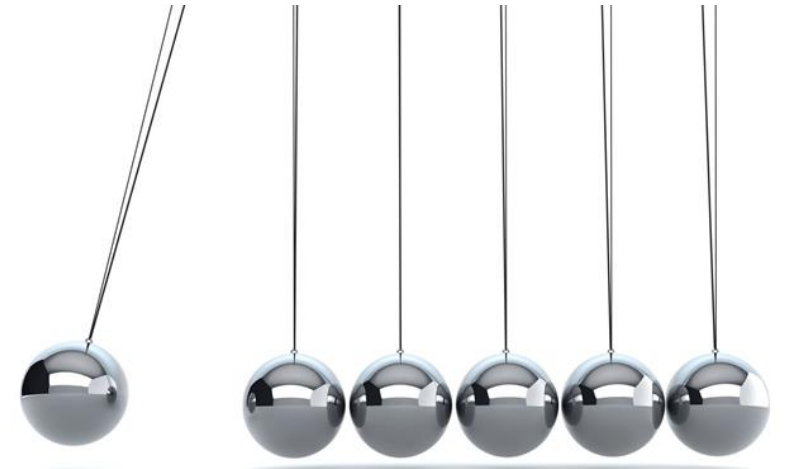
Norwegian participation in Horizon Europe partnerships

- Norway has supported the restructuring of the partnership landscape in HEU
- Norway will probably commit public funding to 21 partnerships, including 15 co-funded
- In most cases RCN is the national implementing body
- Dialogue between ministries and RCN on funding and participation
- Norwegian participation in most co-programmed and institutionalised (industry, research institutes, public bodies)



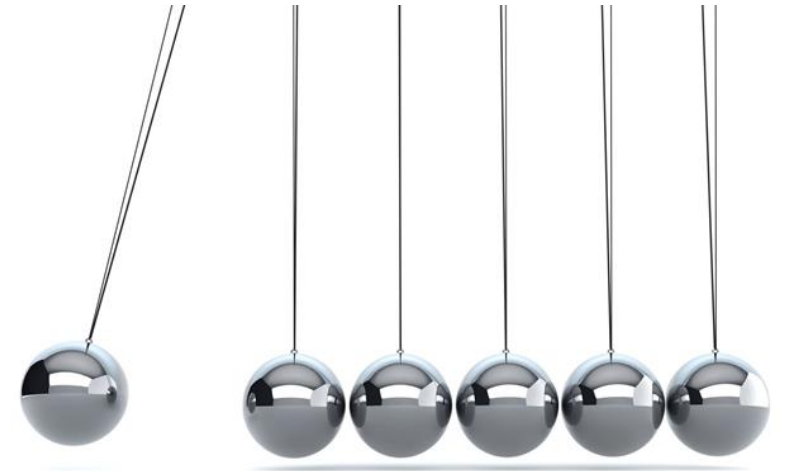
Why does Norway participate in partnerships?

- **General policy goals from the government, especially on participation in HEU**
- **Internationalisation of Norwegian research and innovation**
- **Other thematic/policy goals from ministries, RCN strategy..**



Added value of participating in partnerships

- Investing in European cooperation, rather than investing at national level
- Access to European funding, large networks and scientific knowledge
- Increased quality of national research and innovation
- Opportunity to cooperate at policy level with EC and other national funding agencies



Experiences as an associated country

- In general, few obstacles
- Good relation to EC and MS
- MS representatives and EC staff are not always aware of AC rights
- Important that EC clarify and communicate AC status
- For industrial partnerships: Transparency has improved in HEU compared to H2020





Key Digital Technologies Joint Undertaking

**European Partnerships –
involvement of Associated Countries**

3 February 2022

Arian Zwegers

Key Digital Technologies Joint Undertaking

- Building on **ECSEL JU**
 - **Major technological achievements** in Extreme UV lithography, FD-SOI, advanced power electronics, safety-critical embedded systems, and smart miniaturised systems
 - Focus on areas with **strong societal impact**, e.g. clean mobility, energy-efficient industry, sustainable healthcare
- Transition to **Key Digital Technologies JU**
 - Adapting to **new technological, industrial and geopolitical reality**
 - **More strategic approach**, with stronger alignment to EU priorities
 - **Broader coverage** of electronic value chains
 - Further integration of **SMEs and startups**
 - **Simplification** through better harmonisation of national practices and procedures



Key Digital Technologies Joint Undertaking Objectives

- Reinforce Europe's **open technology autonomy** in electronic components and systems to support **future needs of vertical industries** and the economy at large
 - → Contribute towards doubling value of ECS design and production in Europe by 2030
- Establish EU **scientific excellence** and **innovation leadership** in emerging components and systems technologies with active involvement of SMEs
 - → SMEs ~~should~~ shall represent 1/3 of participants, with at least 20% of public funding
- Ensure that components and systems technologies **address Europe's societal and environmental challenges**
 - → Contribute towards reduction of energy consumption by 32.5% in 2030

See Council Regulation (EU) 2021/2085 of 19 November 2021 establishing the Joint Undertakings under Horizon Europe,

<https://eur-lex.europa.eu/eli/reg/2021/2085>

Key Digital Technologies Joint Undertaking

Specificities (1/2)

- **Governance model** (1/3 of voting rights each)
 - **Governing Board (GB):** EC, Participating States and industry
 - **Public Authorities Board (PAB):** EC and Participating States
 - **Private Members Board (PMB):** AENEAS, INSIDE, and EPoSS
- **Strong role of Public Authorities** in setting and monitoring progress towards strategic objectives
 - Ensure **coherence between national and EU programmes and strategies**
 - Stimulate involvement of relevant **national partners**
 - PAB contributes to **drafting Strategic Research and Innovation Agenda**
 - PAB provides **input to draft work programmes**
 - **PAB decides on allocation of public funding** to selected proposals based on evaluation ranking, up to limit of budgets available
 - For proposals of equivalent merit, allocation may take into consideration the proposals' contribution towards achievement of specific policy objectives, including **synergies with national priorities**

See Council Regulation (EU) 2021/2085 of 19 November 2021 establishing the Joint Undertakings under Horizon Europe,

<https://eur-lex.europa.eu/eli/reg/2021/2085>

Key Digital Technologies Joint Undertaking

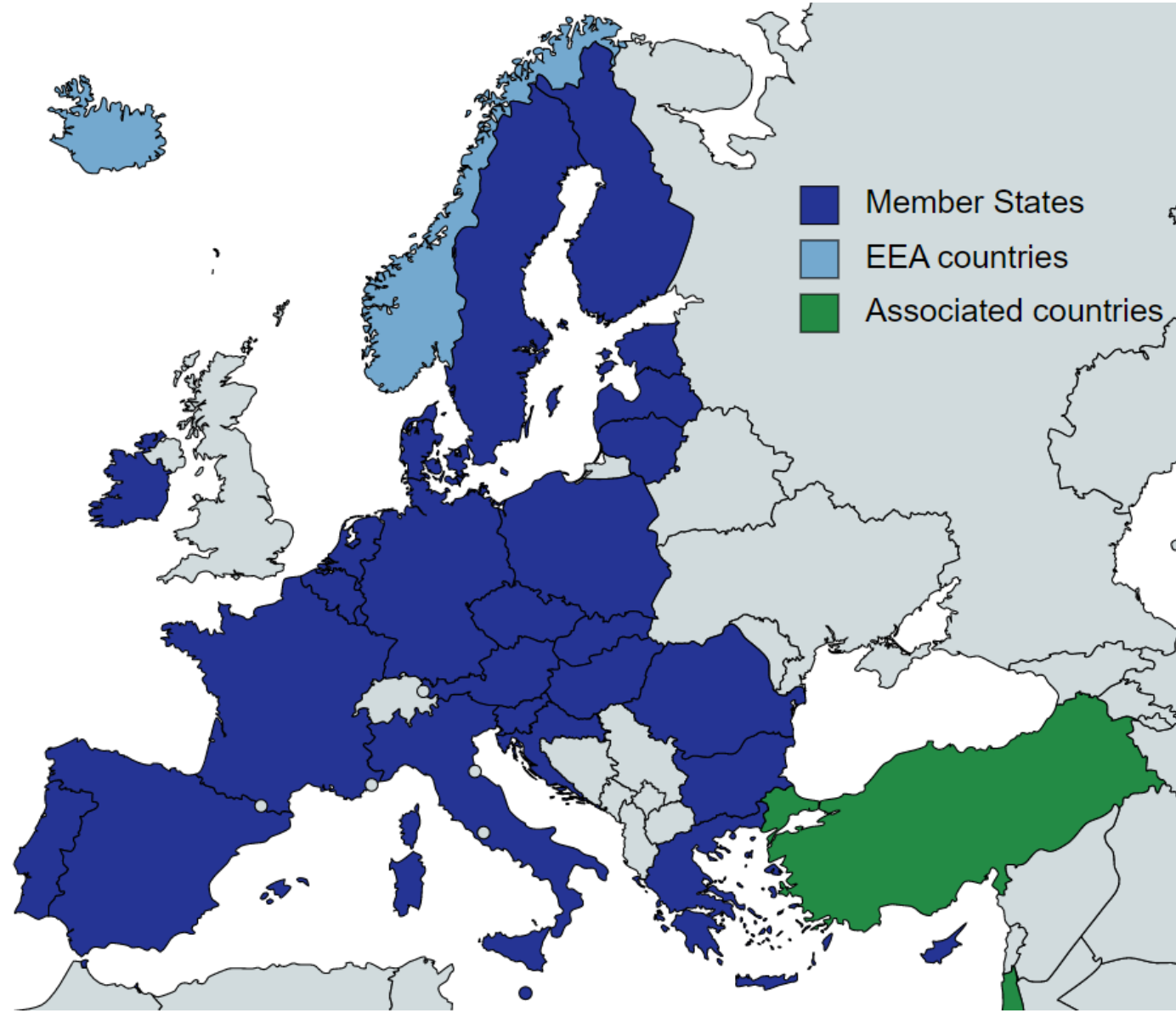
Specificities (2/2)

- **Different reimbursement rates** depending on participant type (SMEs and non-profit organisations), and type of action
- **Transparency and openness**: management framework and tripartite nature ensure transparency and openness in terms of participation
- **Additional Activities (IKAA)**
 - Private members commit at least 90% contributions in IKOP
 - Where necessary, GB may approve **additional activities plans**, following proposals by Private Members Board, and taking into account opinion of Public Authorities Board
 - Additional Activities may include private investments to industrialise KDT and ECSEL projects' results, pilots, demonstrators, applications, deployments, industrialisation, or related not-publicly-funded R&D activities, etc.

Key Digital Technologies Joint Undertaking

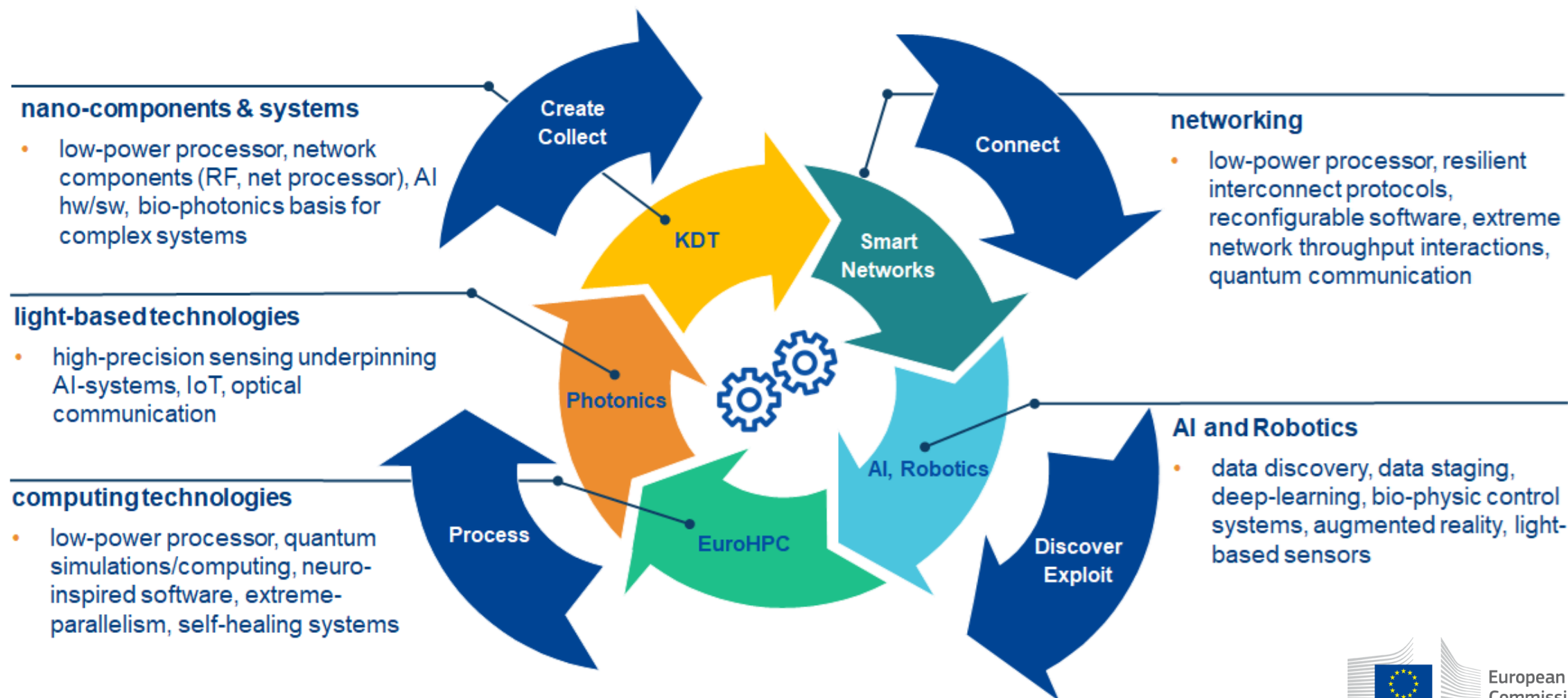
Budget

- European Union: 1.8 B€
- Participating States: 1.8 B€
- Industrial associations and their members: 2.5 B€
 - Total contributions by private members: 1.1 B€



Digital-centric partnerships

Interplay



Continuous improvement

- Better alignment with policies, moving away from open-to-full-SRIA topics
- More synergies with other partnerships
- Simplification, harmonization
 - Peculiar conditions to be modified, e.g. page limits, sizes, etc.
- National funding and EU funding to be “commensurate”
 - First call: EU budget maximum 208 million Euro, total national budget 161 million Euro
 - Flexibility of ‘commensurate’ construct to be used??
- EU funding rates:

Type of beneficiary	IA	IA Focus Topic	RIA	RIA Focus Topic	CSA
Large Enterprise	20 %	25 %	25 %	25 %	100 %
SME	30 %	35 %	35 %	35 %	100 %
Not for profit	35 %	35 %	35 %	35 %	100 %

European Chips Act



- Strengthen R&I capacity
- Ensure leadership in design, manufacturing, and packaging
- Adapt state aid rules
- Improve tools to anticipate and respond to crises
- Support startups and SMEs in skills and finance

European Chips Act

EU Pushes for Cutting-Edge Chip Plants, Security of Supply

- Bloc to add obligations on companies that receive state aid
- Breton says EU will invest similar amount to U.S. Chips Act

By Jillian Deutsch

January 29, 2022, 12:00 AM GMT+1

The European Union is gearing up to put potentially billions of euros in state aid toward massive, cutting-edge semiconductor production sites -- with strings attached.

One of the key goals of the EU's upcoming Chips Act is to attract investment for the projects, so called "mega fabs." To win funding, they must be first-of-a-kind in Europe, ensure the security of supply and commit to future investment in leading edge technology, Thierry Breton, the EU's internal markets commissioner, told a group of reporters on Friday. The EU will publish its proposal on Feb. 8.

<https://www.ft.com/content/7366ad69-964c-4f09-8023-1a80895cd9db>,
<https://www.bloomberg.com/news/articles/2022-01-28/eu-pushes-for-cutting-edge-chip-plants-security-of-supply>

Brussels seeks powers to intervene over chip supply issues

Plans are part of EU goal to double its share of global semiconductor market to 20 per cent by 2030



The EU is seeking to reduce its vulnerability to supply chain disruptions in semiconductors © Bloomberg

Sam Fleming in Brussels JANUARY 29 2022

28

Brussels wants powers to intervene during future semiconductor supply crunches as part of a broad package of measures aimed at building up Europe's domestic industrial capacity, the EU's internal market commissioner said.

Involvement of associated countries

Example of the European Joint Programme on Rare Diseases

Daria JULKOWSKA
EJP RD Coordinator, INSERM, France

+2100
people

35 participating
countries

26 EU MS, **7 associated (AM, CH, GE, IL, NO, RS, TK), UK and CA**

ALL 24 ERNs

101 M€
Budget

Union contribution: 55 M€ (70% reimbursement rate)

EJP RD in numbers



91 beneficiaries

10 hospitals
12 research institutes
31 research funding bodies/ministries
27 universities/hospital universities
5 EU infrastructures
5 charities/foundations
EURORDIS

+ 52 linked third parties
+100% associated networks

Associated and third countries in EJP RD

COUNTRY	TYPE OF STAKEHOLDER	GA ADMIN STATUS	ROLE	ACTIVITY
Armenia	 hospital	LTP (INSERM)	partner	Data/information collection/dissemination
Georgia	 Research organisation	LTP (INSERM)	partner	Data/information collection/dissemination
Israel	 Research organisation	LTP (INSERM)	partner	Data/information collection/dissemination
Israel	 Funding organisation	Full beneficiary	WPL, TL, partner	Funding, monitoring
Norway	 Research organisation	LTP (INSERM)	partner	Data/information collection/dissemination
Norway	 Research organisation	LTP (EATRIS)	partner	Mentoring of translational research support services
Serbia	 Research organisation	LTP (INSERM)	partner	Data/information collection/dissemination
Switzerland	 Research organisation	LTP (ELIXIR)	partner	EJPRD virtual platform building (data, resources, tools creation)
Switzerland	 Funding organisation	Full beneficiary	Partner	Funding
Switzerland	 Not-for-profit foundation	Full beneficiary	Partner, TL	Communication, congress organisation
UK	 Research organisation	Full beneficiary	WPL, TL, partner	EJPRD virtual platform building (data, resources, tools creation)
UK	 Research organisation	Full beneficiary	TL, partner	monitoring of EJPRD, clinical studies
UK	 Research organisation	Full beneficiary	TL, partner	Mentoring of translational research support services
UK	 Research organisation	LTP (INSERM)	partner	data/information collection/dissemination
UK	 Research organisation/hospital	LTP (European Reference Network)	partner	Training activities
UK	 Research organisation/hospital	LTP (European Reference Network)	partner	Training activities
UK	 Research organisation	LTP (ELIXIR)	TL, partner	EJPRD virtual platform building (data, resources, tools creation)
TK	 Funding organisation	Full beneficiary	TL, partner	Funding, monitoring
TK	 Research organisation	Full beneficiary	TL, partner	Training activities
TK	 Research organisation	Full beneficiary	TL, partner	training activities, mentoring
CA	 Funding organisation	Associated partner with no funding	TL, partner	Funding, monitoring
CA	Funding organisation	Associated partner with no funding	partner	Funding

Associated and third countries in EJP RD - *Day-to-day involvement*

Strategy

ALL participating countries (irrespective of the GA status of the institution) are part of the EJP RD **Policy Board**

Long-term collaboration

Several of the involved associated countries are long-term collaborators and participated already in ERA-Net (ancestor of EJP RD)

Leadership

Several partners from associated countries are **leading WPs or Tasks**

Training

The capacities of associated countries contribute to the **development of EJP RD trainings** (& their adaptation to country/region needs)

Linked Third Parties

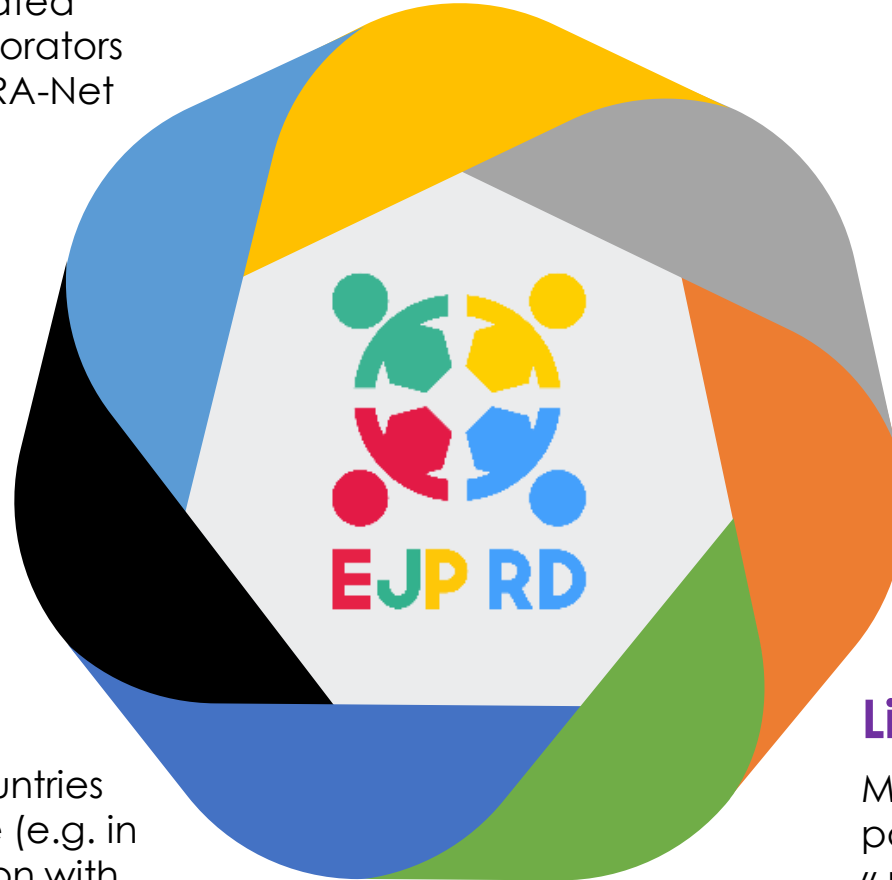
Many institutions from associated countries participate as LTPs to contribute to larger « network » activities like dissemination & data collection

Empowerment

As a consequence of long-term collaboration several EJP RD partners decided to take new responsibilities (from partner in previous programme to TL or WPL in EJPRD), e.g. Israel that leads research monitoring activities

Expertise

Several institutions from associated and third countries provide unique expertise (e.g. in data, omics, collaboration with patient organisations)



Associated and third countries in EJP RD

Thinking about next steps (partnership preparation)

- Reaching out to new countries is not simple and can be facilitated by:
 - Use of networks of already involved/committed partners/countries
 - Progressive establishment of contact or collaboration stemming from previous programmes/initiatives
- Involvement of associated countries is often dependent on time they integrated the process:
 - The earlier they can be involved in the discussions the more relevant will be their involvement and avoid changing their status during the run of the project (taking over some new responsibilities may imply moving from LTP to full beneficiary status which induces high administrative burden)
- Engaging associated countries in the strategy activities (specific WPs or boards) is key to create meaningful, long-term and transparent collaboration
- The timeline of commitment of associated countries to the EU Framework Programme should foster smooth discussions and collaboration (to improve current situation):
 - Countries should be invited from the start to join the discussions on partnerships in the official EC MS groups to increase the chance of meaningful involvement and commitment and expected despite lengthy Framework Programme negotiation process

THANK YOU

www.ejprarediseases.org

coordination@ejprarediseases.org

helpdesk@ejprarediseases.org

Follow us on social media



@EJPRarediseases

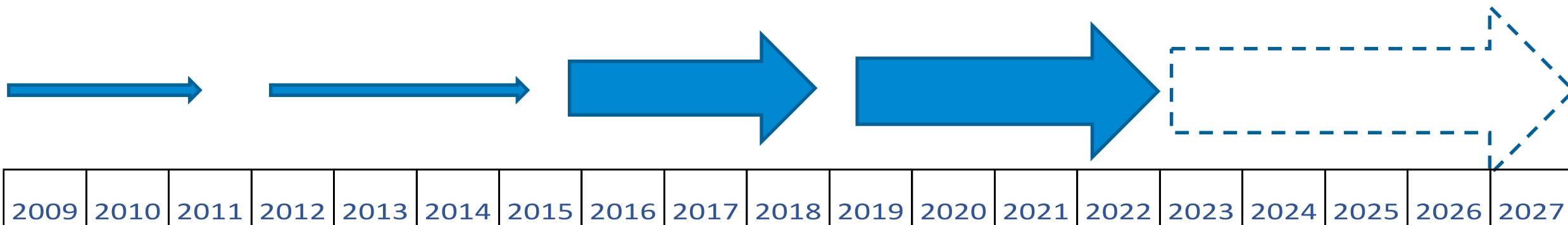
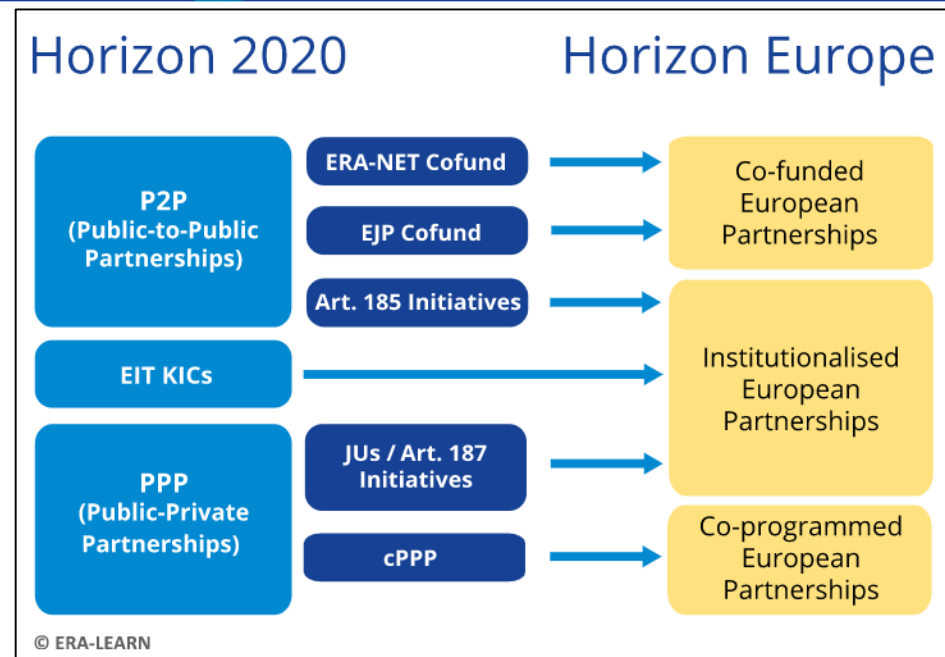


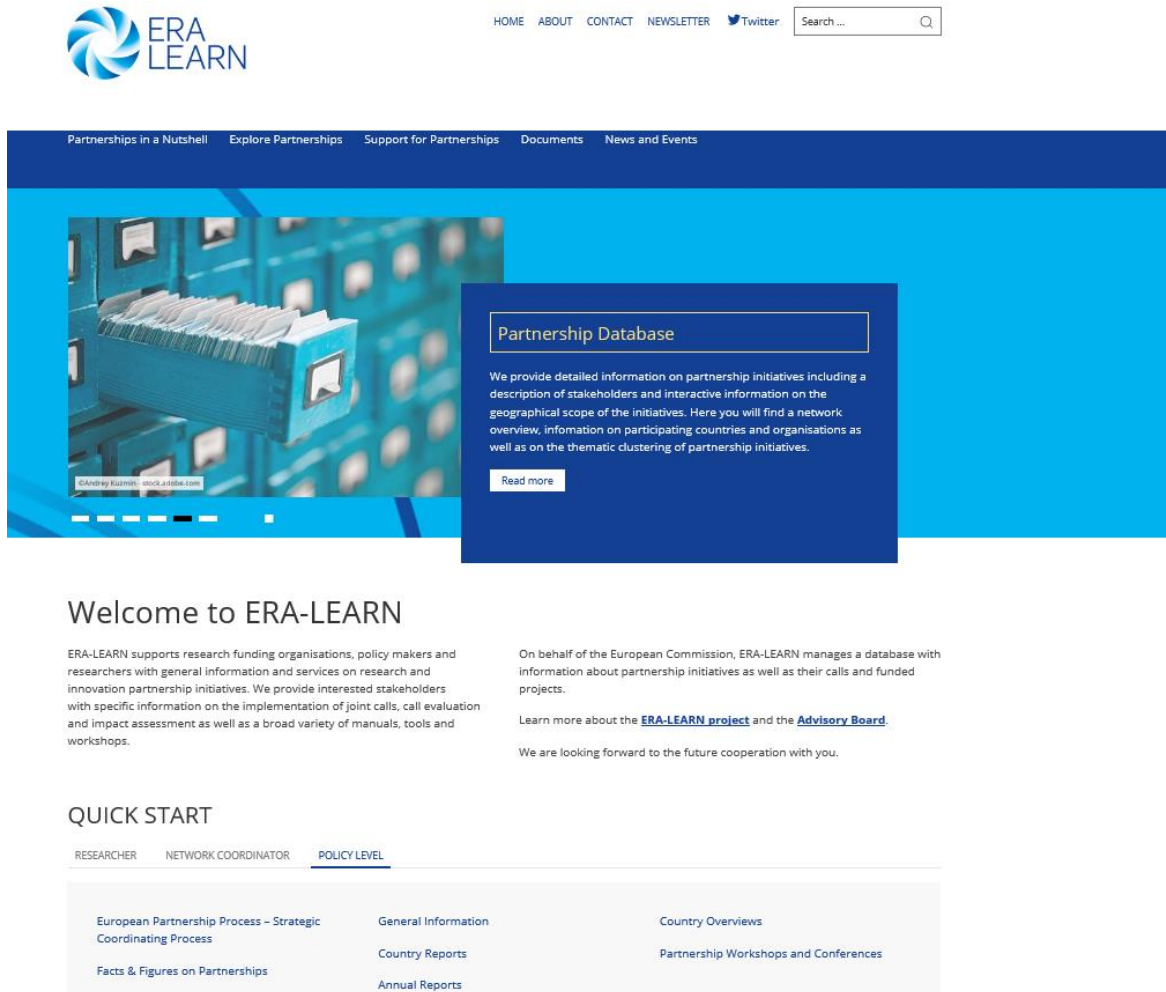
The EJP RD initiative has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement N°825575

ERA-LEARN: support for the implementation of European Partnerships

ERA-LEARN: service provider & facilitator

- consortium of funding organisations and analysts
- expanding the scope
 - ... from ERA-NET (FP7) to JPI ...
 - ... to Horizon 2020 ERA-NET Cofund and EJP ...
 - ... to European Partnerships under Horizon Europe ...
- supporting the transition of Partnerships from Horizon 2020 to Horizon Europe
- preparing a next phase 2023-2027





The screenshot shows the ERA-LEARN website homepage. At the top is the ERA-LEARN logo and a navigation bar with links: HOME, ABOUT, CONTACT, NEWSLETTER, and a Twitter icon. A search bar is also present. Below the navigation bar is a main banner area with a blue background. On the left is a large image of a blue filing cabinet. On the right is a dark blue box titled 'Partnership Database' with text describing the database and a 'Read more' button. Below the banner is a 'Welcome to ERA-LEARN' section with two columns of text. The left column describes the support provided to research funding organizations, and the right column describes the database managed on behalf of the European Commission. Below this is a 'QUICK START' section with three tabs: RESEARCHER, NETWORK COORDINATOR, and POLICY LEVEL. The POLICY LEVEL tab is selected, showing a grid of links: European Partnership Process – Strategic Coordinating Process, Facts & Figures on Partnerships, General Information, Country Reports, Annual Reports, Country Overviews, and Partnership Workshops and Conferences.

ERA-LEARN

HOME ABOUT CONTACT NEWSLETTER Twitter Search ...

Partnerships in a Nutshell Explore Partnerships Support for Partnerships Documents News and Events

Partnership Database

We provide detailed information on partnership initiatives including a description of stakeholders and interactive information on the geographical scope of the initiatives. Here you will find a network overview, information on participating countries and organisations as well as on the thematic clustering of partnership initiatives.

[Read more](#)

Welcome to ERA-LEARN

ERA-LEARN supports research funding organisations, policy makers and researchers with general information and services on research and innovation partnership initiatives. We provide interested stakeholders with specific information on the implementation of joint calls, call evaluation and impact assessment as well as a broad variety of manuals, tools and workshops.

On behalf of the European Commission, ERA-LEARN manages a database with information about partnership initiatives as well as their calls and funded projects.

Learn more about the [ERA-LEARN project](#) and the [Advisory Board](#).

We are looking forward to the future cooperation with you.

QUICK START

RESEARCHER NETWORK COORDINATOR **POLICY LEVEL**

European Partnership Process – Strategic Coordinating Process	General Information	Country Overviews
Facts & Figures on Partnerships	Country Reports	Partnership Workshops and Conferences
	Annual Reports	

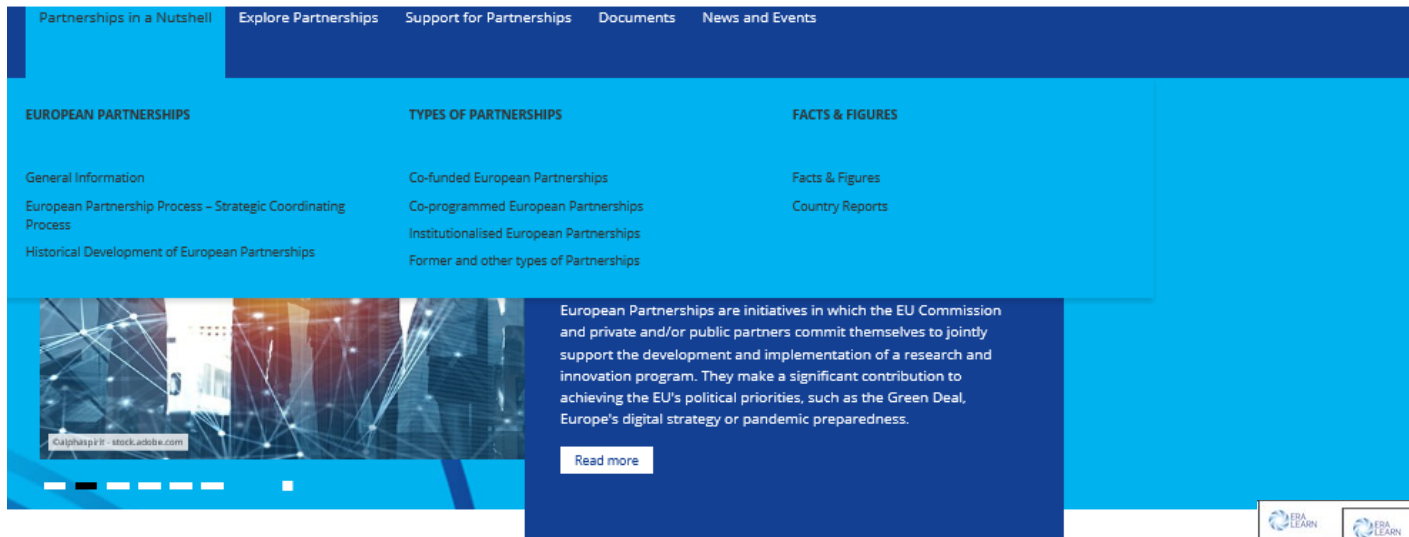
ERA-Learn reaches out to all stakeholders involved:

- Policy level
- Network administrators
- Researchers

ERA-LEARN portal: central information hub



HOME ABOUT CONTACT NEWSLETTER Search ...



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Partnerships in a Nutshell

Background information on the new Partnerships process

- Strategic Coordinating Process
- Partnership Process
- Facts and Figures, Annual Reports and Country Reports



Partnership Network Database – overview of all former and new Partnerships



HOME ABOUT CONTACT NEWSLETTER Twitter Search ...

[Partnerships in a Nutshell](#) [Explore Partnerships](#) [Support for Partnerships](#) [Documents](#) [News and Events](#)

PARTNERSHIPS NETWORKS
[Partnerships Network Database](#)
[Country Overview](#)
[Organisations](#)
[Thematic Areas](#)

CALLS
[Joint Calls](#)
[Call Calendar](#)
[Co-funded Calls](#)
[Funded Projects](#)
[Submit Calls](#)

HORIZON EUROPE CALLS FOR PARTNERSHIPS
[2021: Partnership related Horizon Europe calls](#)
[2022: Partnership related Horizon Europe calls](#)

Partnerships

Note: The partnership database is built on data received by the EC and depends on updates by the network coordinators. Please send updates at any time to [office\(at\)era-learn.eu](mailto:office(at)era-learn.eu)

Country participating

Partnership format

Status

Funding Framework

Partnership filter options

Filter networks

Showing 1 to 25 of 351 entries

Search ...

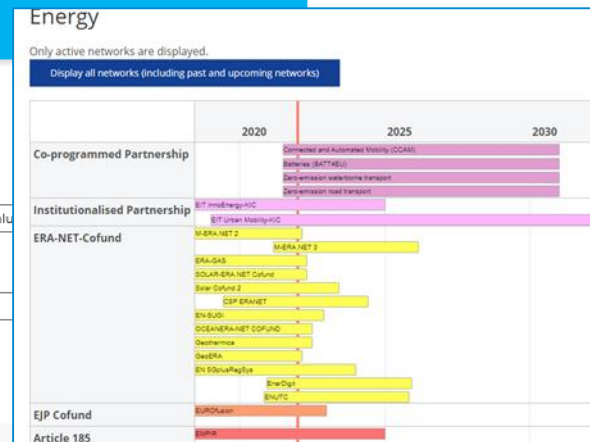
Show 25 entries

ACRONYM	FULL NAME	START DATE	END DATE	FUNDING FRAMEWORK	PARTNERSHIP FORMAT	COUNTRIES	COORDINATOR
Accelerating Farming Systems Transitions	European Partnership accelerating farming systems transition: agroecology living labs and research infrastructures			Horizon Europe	Co-funded Partnership	0	
Agriculture of Data	Agriculture of data			Horizon Europe	Co-funded Partnership	0	
Animal Health & Welfare	European Partnership for Animal health (PAH)			Horizon Europe	Co-funded Partnership	0	
Chemicals risk	European partnership for the assessment of risks			Horizon Europe	Co-funded	0	

Explore Partnerships

Search the ERA-LEARN Database

- To get an overview on all Partnerships (format, topic...)
- To know about your country's participation
- To be informed on the Partnership's joint calls
- to be aware of upcoming calls for Partnerships in the HEU work programmes



Support for Partnerships – do you need help for the implementation?



HOME ABOUT CONTACT NEWSLETTER Twitter Search ...

Partnerships in a Nutshell	Explore Partnerships	Support for Partnerships	Documents	News and Events
GOVERNANCE, ADMINISTRATION & LEGAL BASE	IMPLEMENTING JOINT CALLS	ADDITIONAL ACTIVITIES & CROSS CUTTING ISSUES	PARTNERSHIPS IN HORIZON EUROPE AND HORIZON 2020	
Governance structure and committees	Call planning & preparation	Alignment	Co-funded European Partnerships	
Agreements	Submission	Coherence & Collaboration	ERA-NET Cofund	
Financial Issues	Evaluation	Foresight	European Joint Programme Cofund (EJP Cofund)	
Responsible Research & Innovation	Funding of Projects	Openness & Transparency		
Monitoring and Assessment	After the Call	Societal and Market Uptake		
		Strategic Research and Innovation Agendas		
		Synergies with the Cohesion Policy Funds		
		Other Additional Activities		

In this section ERA-LEARN brings together different issues that intend to support the implementation of European Partnerships. These refer to administration through various governance structures of European Partnerships and a model for the consortium agreement where these structures are regulated.

We furthermore want to support partnerships with guidelines on financial issues and explain what is behind the idea of responsible research and why it is important also for European Partnerships. Finally, monitoring and assessment are core activities of European Partnerships in Horizon Europe. Thus, some guidance is provided on both issues under this section.

Implementing an ERA-NET Cofund action

Home / Support for Partnerships / Partnerships in Horizon Europe and Horizon 2020 / ERA-NET Cofund / ERA-NET Cofund under H2020 - practical information / Implementing an ERA-NET Cofund action / ERA-NET Cofund: reporting

ERA-NET Cofund: reporting

General information

The reporting requirements are defined in the Grant Agreement signed with the EC. The reporting towards the EC is done electronically via the Participant Portal.

- First periodic report - availability of funds
- Continuous reporting - deliverables
- Final periodic report - financial statement

Data Collection

ERA-LEARN is providing a template for the information on each selected project.

- a template for the collection of project data from co-funded calls and additional calls as well as calls generated from other types of networks e.g. FP7, JPIs, self-sustained networks (updated 2020). *Note, the completed template can be sent at any time to: office@era-learn.eu or hayley.welsh@optimat.co.uk*

Not all of the data collected in this template will be visible on the ERA-LEARN website. The data related to budgets and contact information will remain confidential and will be used for aggregated analysis for the annual report and for other specific analysis by the European Commission.

- First Periodic Report / Availability of funds
- Continuous Reporting / Deliverables
- Final Periodic Report / Financial Statement

Related Files



Collection of project data from co-funded

Edit
Template for the collection of project data from co-funded calls.

Support for Partnerships

Home / Support for Partnerships / Implementing Joint Calls

Implementing Joint Calls

We have compiled the following guidelines to provide the Partnership community with a sound basis for the implementation of transnational calls for proposals. You will find general information, practical examples and templates. Click on one of the sections below to learn more:



- Call planning & preparation
- Submission
- Evaluation
- Funding of Projects
- After the Call

Model Consortium Agreement for ERA-NET-Cofund actions based on the DESCA Horizon 2020 Model)

Title of Cofund-Action (Acronym)

Third Version
April 2017



Concrete and practical support:
Guidelines, manuals and examples of good practice

- On governance models and legal issues
- On the implementation of joint calls
- On additional activities carried out by the Partnerships



ERA-LEARN: to meet your needs

Events

[Home](#) / [News and Events](#) / [Events](#) / [Preparing cofunded European Partnerships](#)

Preparing cofunded European Partnerships

Date: 04/03/2021

Online workshop to support the preparation of co-funded European Partnerships
The webinar was the first of a series of workshops ERA-LEARN offers for the support of the new European status quo, clarifying open questions and facilitating a first exchange experiences. Follow-up webinars
Content:

- Strategic coordinating process
- Governance
- Financial management
- Co-funded calls
- Other activities

Date: 4 March 2021, 9:30 - 13:00 CET

[Agenda](#)

[Presentation slides](#)

[Q&A Summary](#)



[Partnership database](#)

[Call calendar](#)

Release Date: 7.12.2021

Welcome to the ERA-LEARN newsalert!

19/11/2021

Council regulation on joint undertakings and Metrology adopted

On 19 November 2021, the Council of the EU adopted a Council regulation establishing joint undertakings under the Horizon Europe programme. The joint undertakings based on Article 187 TFEU complement the existing Horizon Europe framework by addressing global challenges and priorities that require critical mass and long-term vision.

[Read more](#)

- Interaction with the Partnerships community
- Events
 - workshops on specific issues
 - annual large events (since 2009)
- Monthly news alert:

<https://www.era-learn.eu/newsletter>



Thank you!

HorizonEU

HorizonEUPartnerships

<http://ec.europa.eu/horizon-europe>

https://ec.europa.eu/info/research-and-innovation/funding/funding-opportunities/funding-programmes-and-open-calls/horizon-europe/european-partnerships-horizon-europe_en

<https://www.era-learn.eu/>

