



TECHNOLOGY
CENTRE PRAGUE

OPPORTUNITIES FOR FOOD SCIENTISTS IN HORIZON EUROPE

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HORIZON EUROPE STRUCTURE

 PILLAR I EXCELLENT SCIENCE	 PILLAR II GLOBAL CHALLENGES & INDUSTRIAL COMPETITIVENESS	 PILLAR III INNOVATIVE EUROPE
European Research Council	Clusters <ul style="list-style-type: none">HealthCulture, Creativity & Inclusive SocietyCivil Security for SocietyDigital, Industry & SpaceClimate, Energy & MobilityFood, Bioeconomy, Natural Resources, Agriculture & Environment <p>Joint Research Centre</p>	European Innovation Council
Marie Skłodowska-Curie		European Innovation Ecosystems
Research Infrastructures		European Institute of Innovation & Technology

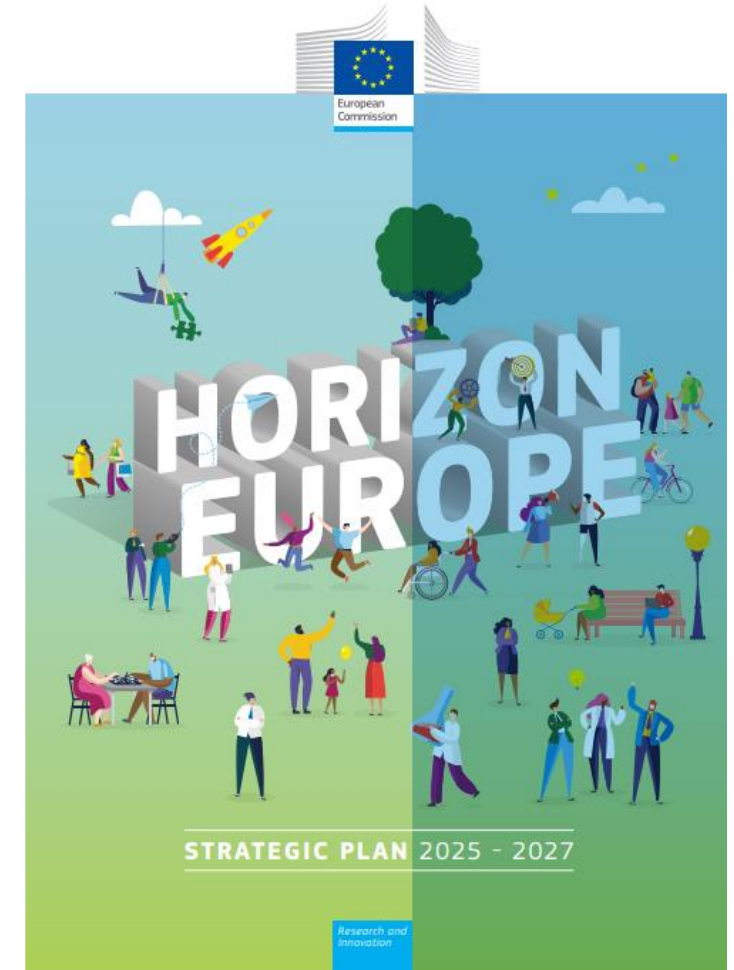
WIDENING PARTICIPATION AND STRENGTHENING THE EUROPEAN RESEARCH AREA

Widening participation & spreading excellence | Reforming & Enhancing the European R&I system

HORIZON EUROPE STRATEGIC PLAN 2025 -2027

Cluster 6 will contribute to Expected Impacts:

- Fostering mitigation of and adaptation to climate change in areas and sectors covered by Cluster 6
- Putting biodiversity on a path to recovery, and protecting and restoring ecosystems and their services
- Achieving healthy soils and forests, as well as clean air, fresh and marine water, whilst ensuring water resilience and the transition to a clean, competitive and circular economy and sustainable bioeconomy
- Ensuring healthy food and nutrition security by making agriculture, fisheries, aquaculture and food systems sustainable, resilient, inclusive and within planetary boundaries
- Sustainably developing rural, urban and coastal areas
- Developing innovative governance models and tools enabling sustainability and resilience



CLUSTER 6 WORK PROGRAMME 2025

- In preparation, calls expected to open in April/May 2025
- Pre-publication scheduled for March
- **7 destinations:**

1. Biodiversity and Ecosystem Services

- e.g. taxonomy approaches, in-situ biodiversity observations, ecosystem restoration, breeding, biodiversity and agriculture,...

2. Fair, healthy and environmentally-friendly food systems from primary production to consumption

- e.g. plant health, animal breeding, crop breeding, aquaculture, nutrition, food safety food waste,...

3. Circular economy and bioeconomy sectors

- e.g. ecodesign of products, circular solutions, consumption patterns, digitalisation, bio-based systems, bioprospecting,...



4. Clean environment and zero pollution

- e.g. air pollution, emerging pollutants from bio-based industries, biotechnology in remediation, aquatic litter pollution, marine pollution, pollution from food and drink industries...

5. Land, oceans and water for climate action

- e.g. health of oceans, changing agroecological environment, air pollutants from agriculture, resilience of water systems, ...

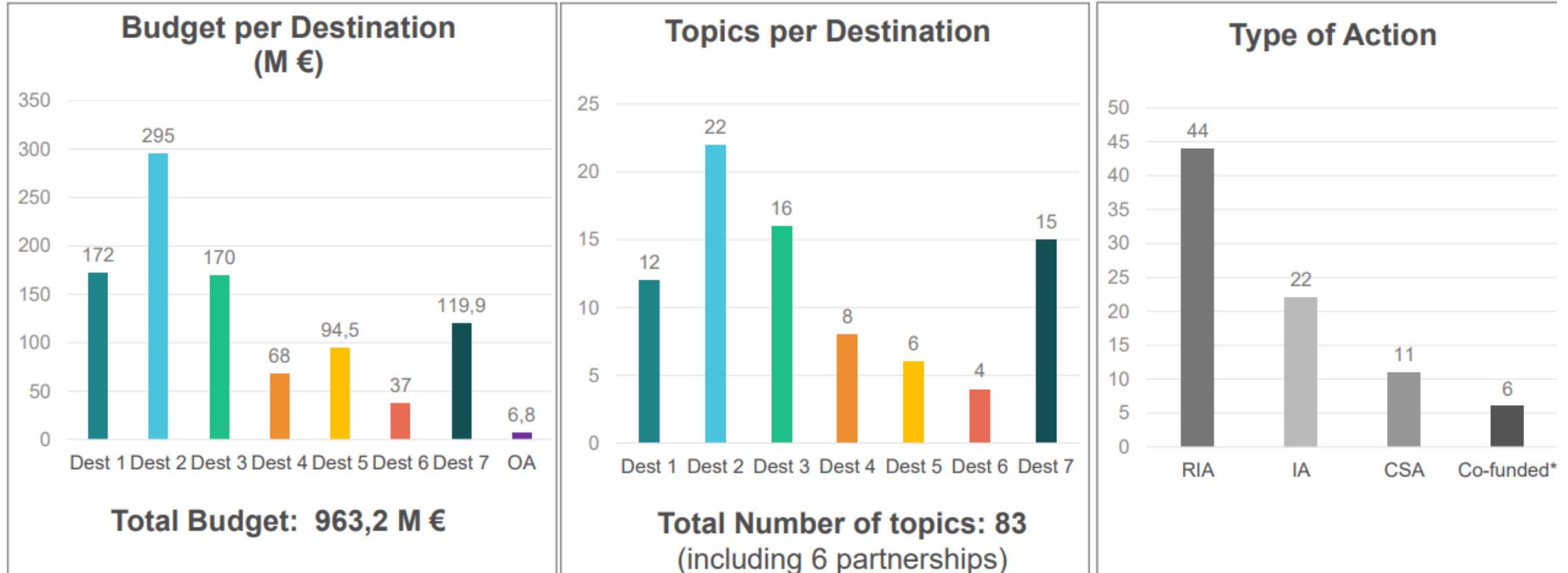
6. Resilient, inclusive, healthy and green rural, coastal and urban communities

- e.g. demographic trends and housing in rural areas, coastal communities in the Atlantic, sustainable food system transformation, ...

7. Innovative governance, environmental observations and digital solutions in support of the Green Deal

- e.g. bioeconomy networks, environmental observing systems, polar observation systems, digital twins, ...

WP 2025 – GENERAL OVERVIEW

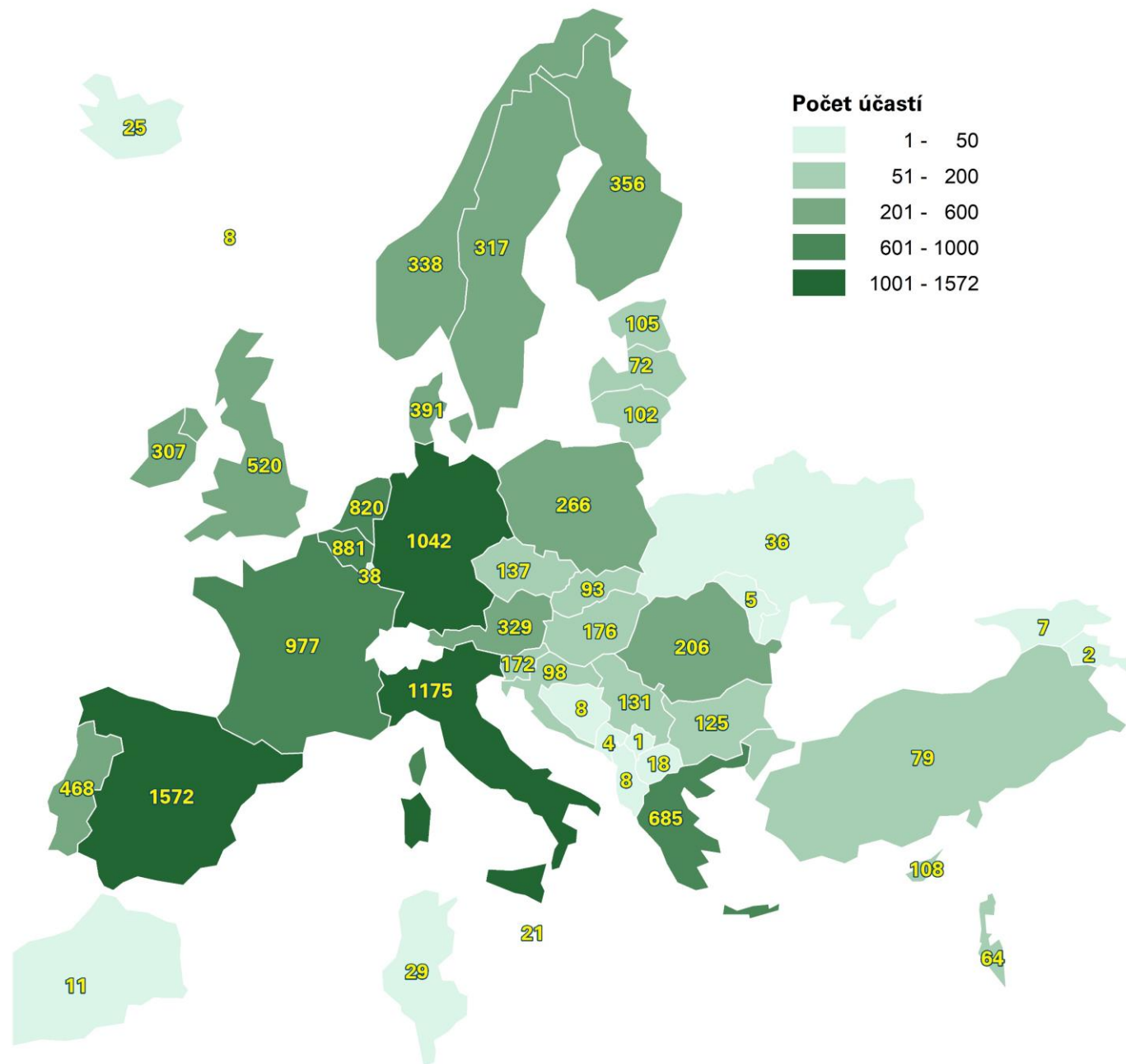


- Partnerships: 1 New Co-fund (Sustainable Forests and Forestry) and 5 top-up Co-fund (Biodiversa+, Agroecology, PAHW, SFS, Water4All)
- Other Actions (6): 1 expert contract actions, 2 grants to identified beneficiaries, 2 public procurements, 1 subscription action

HORIZON EUROPE CASCADE FUNDING – DO NOT MISS OPPORTUNITY

- Cascade funding, also known as Financial Support for Third Parties (FSTP)
- **Starts from an ongoing project on which the beneficiaries can be added during the course of the project.**
- The current list is available [here](#)
- Examples:
 - [FARMTOPIA](#)
 - goal: co-create and test smart solutions for small and medium farms
 - applicants: 2 entities formed by an Agricultural Digital Solutions (ADSs) provider (SME) + end-user (small or medium farm)
 - deadline 7th Jan 2025
 - [OpenAgri](#)
 - goal: development of agricultural digital solutions
 - applicants: 2 entities formed by an Agricultural Digital Solutions (ADSs) provider (SME, university, research institute, non-profit organization) + end-user (farm, farm structure, farm cooperative or other agrifood production organisation or company representing farms)
 - deadline 2nd Dec 2024

CLUSTER 6 SUCCESSFUL PARTICIPATIONS



Source: European Commission – eCORDA Grants –
23.08.2024, prepared by Vladimír Vojtěch, TC Prague

EUROPEAN PARTNERSHIPS

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

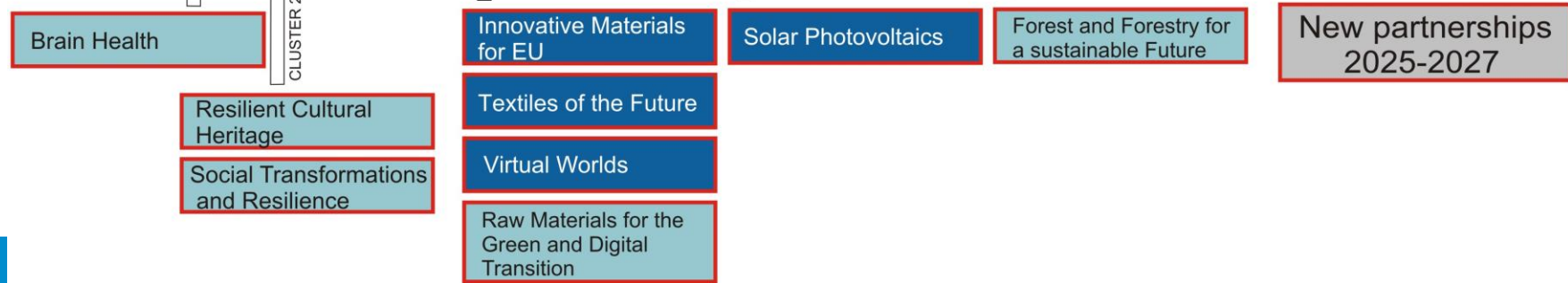
- Institutionalised Partnerships (Art 185/7)
- Institutionalised partnerships / EIT KICs
- Co-Programmed
- Co-Funded

* Calls with opening dates in 2023-24
 ** Calls with opening dates not before 2022

PILLAR III - Innovative Europe

CROSS-PILLARS II AND III

European Open Science Cloud



FOODPATHS - EUROPEAN PARTNERSHIP FOR SUSTAINABLE FOOD SYSTEMS



- kick-off in June 2024
- co-funded partnership with 87 partners from 29 countries
- aim: to accelerate the development of sustainable food systems by mobilising European research and innovation toward that goal
- planned actions:
 - ✓ open calls for research and innovation
 - ✓ development of Living Labs
 - ✓ creation of new European food system observatory
 - ✓ organisation of several knowledge sharing events

FUNDING & TENDER OPPORTUNITIES PORTAL

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



Discover the funding & tenders opportunities

Find out how to participate by following these key steps.

Find calls for proposals

Explore the available EU funding opportunities by searching for calls for proposals within your topics of interest, find partners and submit a proposal.

Find calls for tenders

Find business opportunities in the calls for tenders managed by EU institutions, bodies and agencies.

View projects and results

Browse through EU funded projects and learn about the results. Invest in opportunities and get inspired by the highlights and success stories.

Work as an expert

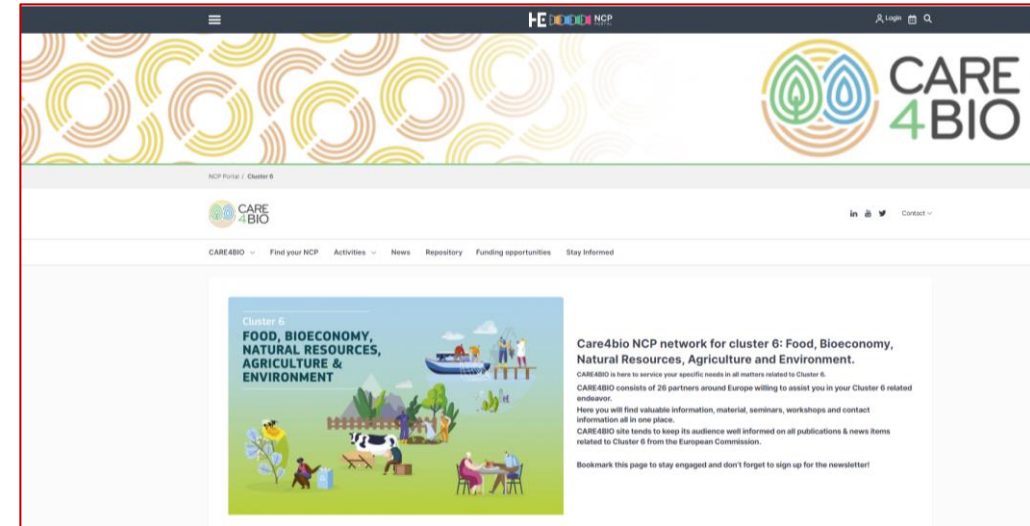
Proposals and projects need evaluations, monitoring and domain-specific knowledge advice from experts.

[Report fraud](#)



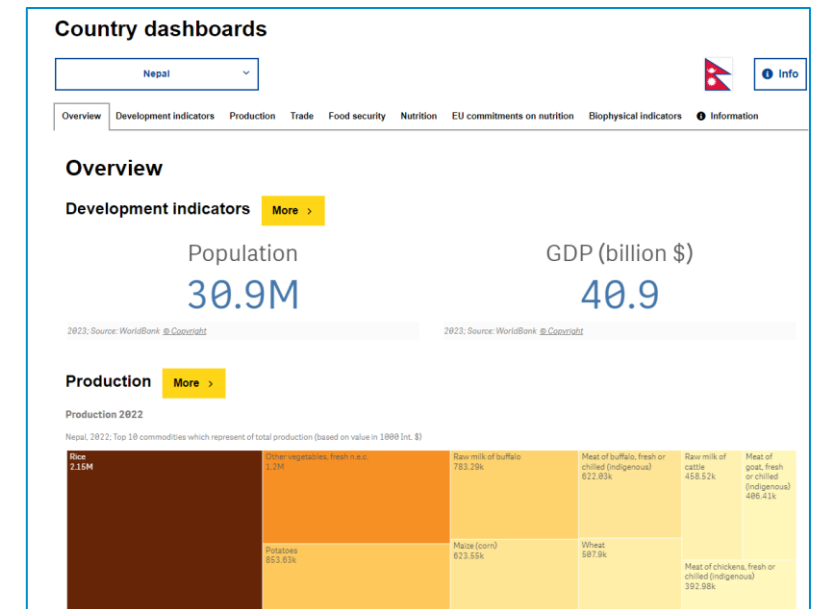
CARE4BIO – CLUSTER 6 NCP NETWORK

- Horizon Europe project (CSA) gathering cluster 6 NCPs
- 26 partners around Europe
- Aim: to empower NCPs in Cluster 6 to provide highly qualified support services
 - ✓ raising the general standard of services of NCPs, sharing good practices, performing outreach activities
 - barriers for applicants to participation will be lowered
 - overall quality of submitted proposals will be increased
- external newsletter, subscription on <https://care4bio.eu>



JRC – JOINT RESEARCH CENTRE

- department of the EC
- provides independent evidence-based knowledge and science
- support for EU policies
- works closely with research and policy organisations in the MS, European agencies, scientific partners
- 2 800 staff, > 50 large scale research facilities
- Knowledge and competence centres (10 centres)
 - Knowledge Centre for Global Food and Nutrition Security
 - a one-stop source of curated information
 - shared understanding of the facts
 - Knowledge Centre for Food Fraud and Quality
 - databases, monthly reports, testing methodology, ...
- portfolio approach (33 portfolios)



PORTFOLIO 11: SUSTAINABLE FOOD SYSTEMS

Laboratories and facilities

- Food Contact Materials Laboratory
- Nanobiotechnology Laboratory (open access – regular calls)

Scientific tools

- Flavourings, Additives, and food Contact materials Exposure Tool (FACET)
- JRC Nanomaterials Repository

Examples of activities

- Food and feed safety, Food authenticity and quality, Food contact materials, GMOs, Nutrition, Organic food and sustainable agriculture, ...

Related news



News announcement | 8 October 2024

Can the EU chart a sustainable transition to greater protein self-sufficiency?

A combination of production-related measures and



News announcement | 30 September 2024

Protecting our EU food integrity standards with cutting-edge technology

New report recommends advanced technologies to



News announcement | 5 September 2024

Food crises: Gaza, Sudan conflicts drive record high number of people in Phase 5 (Catastrophe) since 2016



News announcement | 20 June 2024

JRC methods to help detect and quantify antibiotic residues in animal feed

Official national control labs in the EU will now prepare

- JRC [vacancies](#)
- JRC [Science Flash for You](#)



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