

Funding support for SMEs innovation projects in Heathy Food

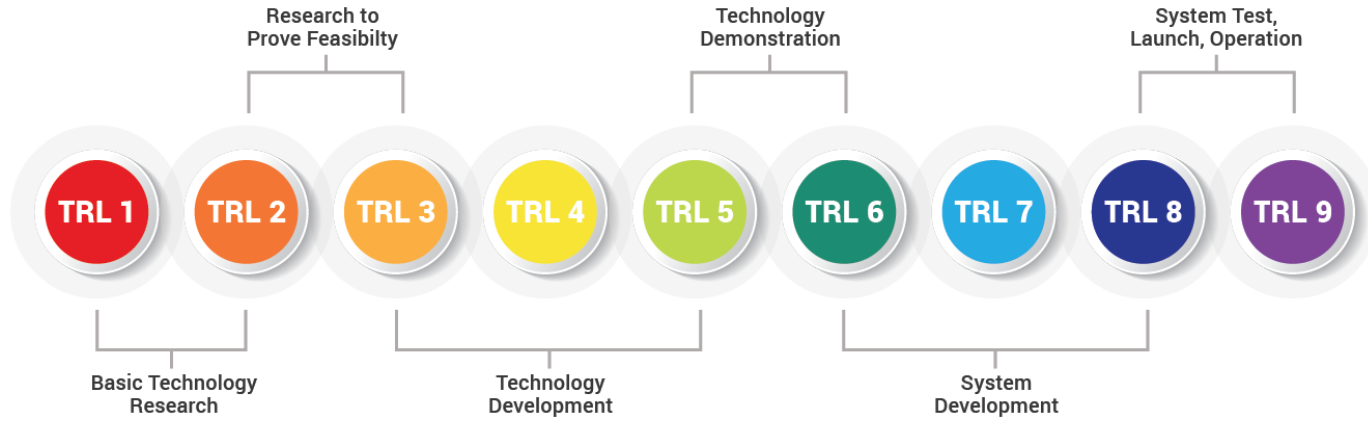
Call & Programmes

This project has been co-funded by the European Regional Development Fund (ERDF) through the Atlantic Area Programme, under the subsidy contract EAPA_1071_/2018 AHFES.

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Legend

TRL of the project

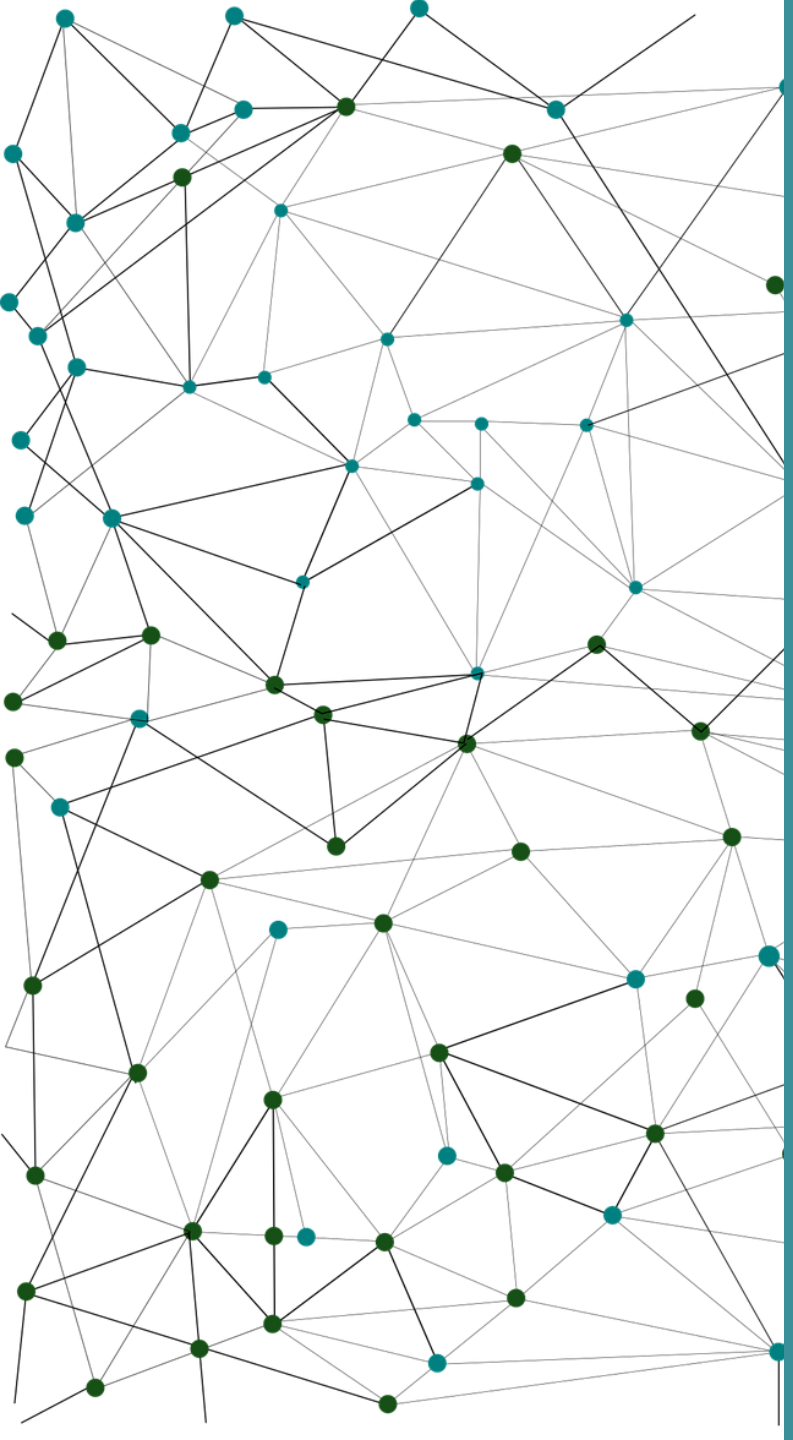


Single or collaborative project



Which funding programs should I follow ?

	HORIZON EUROPE - Global challenges, KIC, EIC...
	International partnerships - PRIMA, EU Africa...
	Joint programme initiatives (Research) - JPI Soil, Healthy Diet, FACCE .. Till 2025
	LIFE & LIFE + (The EU's funding instrument for the environment and climate action°)
	EUREKA - Eurostar,
	ERDF - Cross border, inter regional (Interreg Atlantic Area...), transnational (Interreg NW,...)



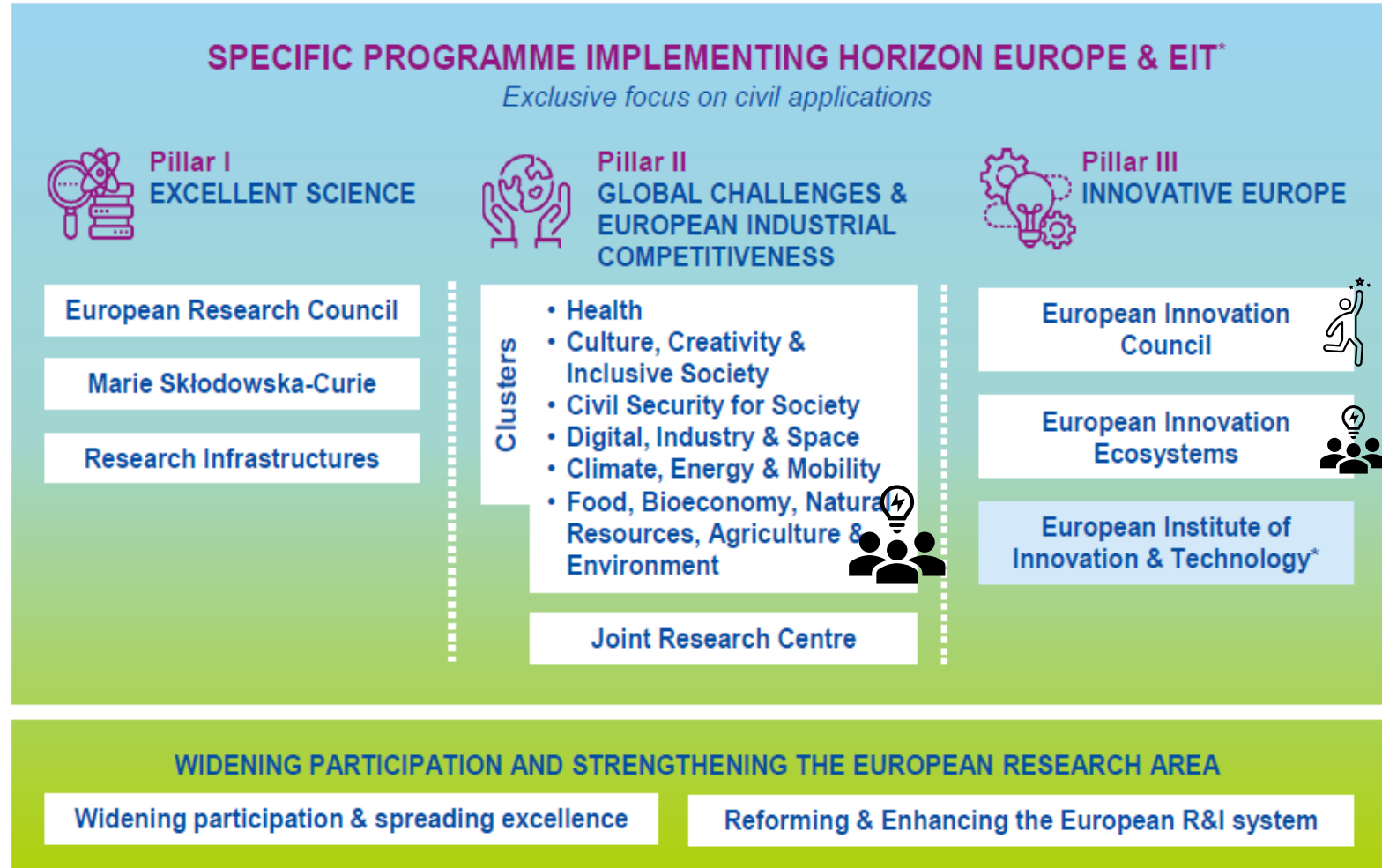
Funding support for SMEs innovation projects in Healthy Food

Call & Programmes in
Horizon Europe

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Horizon Europe funds collaborative and individual projects



Pilar 2 projects



Pillar II
GLOBAL CHALLENGES &
EUROPEAN INDUSTRIAL
COMPETITIVENESS

Originate from	European Commission + Partnerships/National if specific
Objectives	3 different type of projects with + OPEN ACCESS mandatory from publication day.: <ul style="list-style-type: none">• RIA : Basic and applied research, technology development, laboratory testing (TRL 4-6)• IA : Prototype, test, validation and market development (TRL 6-8)• CSA : Network, coordination, support action, training
Theme	Thematic project idea (top down) issued from consultation between EU countries, EU partnership consortiums & missions.
Timing	<ul style="list-style-type: none">• Call for proposals: according to calendar (2 main deadlines per year)• Proposal submission: 1 deadline (sometimes 2 phases if mentioned)• Project start: About 1 year after the submission deadline
Consortium	Minimum of 3 partners from 3 member states or associated countries usually 10 to 20 'multi-actor approach' is key, implication to all stage of project
Duration	Usually, 3 years
Size of project	3 to 12 millions (mentioned on call)
Funding rates	100% on CSA, IA & RIA except 70% for non-academic on IA + 25% overhead
Success criteria	<ul style="list-style-type: none">• Project impact (objective, methodology, gender, open science)• Project excellence (outcome, impact, measure of)• Project quality & efficiency of implementation (workplan, multi actor)
Success Rate	About 8% on average.
Website	https://ec.europa.eu/

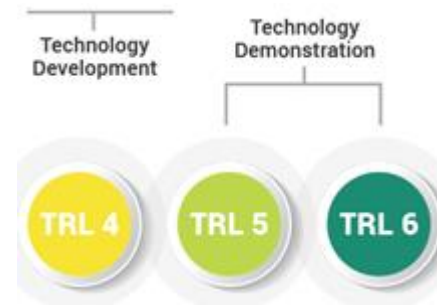


**horizon
europe**
Le programme européen
pour la recherche
et l'innovation

 **Interreg**
Atlantic Area
European Regional Development Fund

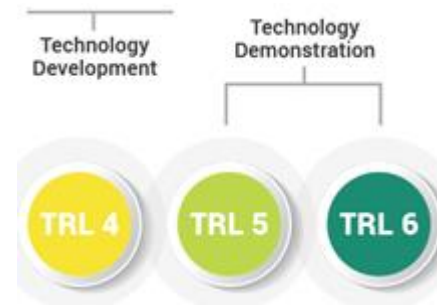


 **A H F E S**



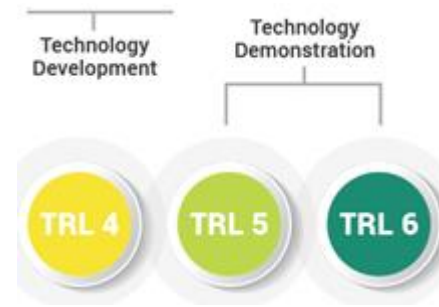
Call HORIZON-CL6-2021-FARM2FORK-01-01: **Reaching the Farm to Fork target: R&I scenarios for boosting organic farming and organic aquaculture in Europe**

- **Open** : 2021 / **Type of support** : Research & Innovation Actions / **Budget** : 4 millions (1 project to be financed)
- **Expected results** : Project results are expected to contribute to all of the following expected outcomes:
 1. **Support to the implementation** of the Common Agricultural Policy, the EU organic farming regulation and the action plan for the development of the organic sector in the EU
 2. **Robust evidence** on the socio-economic scenarios and market analysis of organic farming (crops and livestock) and aquaculture and food systems across Europe for reaching the target of at least 25% of the EU's agricultural land under organic farming by 2030 and a significant increase in organic aquaculture
 3. **Increased and coordinated R&I investments** in the organic sector
 4. **Improved knowledge exchange and best practices** on organic farming (crops and livestock) and aquaculture production, as well as increased availability of advisory services and capacity building, leading to an European innovation ecosystem that is fit to support the achievement of the Farm to Fork target on organics
- **Scope**
 1. Projects should evaluate the constraints and lock-ins for reaching the Farm to Fork Strategy target on organics and the necessary facilitating environment.
 2. projects should build scenarios outlining where the expected increase can be achieved, analysing the socio-economic
 3. Projects should assess the knowledge needs of different actors for enhancing innovation towards greater adoption of organic farming and aquaculture



Call HORIZON-CL6-2021-FARM2FORK-01-12: **Filling knowledge gaps on nutritional, safety, allergenicity and environmental assessment of alternative proteins and dietary shift**

- **Open** : 2021 / **Type of support** : Research & Innovation Actions / **Budget** : 11 millions (1 project to be financed)
- **Expected results** : It is presumed that a shift to alternative proteins should lead to healthier and more sustainable diets, but this depends on the nature of the shift (for example, shifting diets from processed meat to another nutrient poor highly processed protein source might not necessarily provide the wanted health benefits).
 1. **Informing a systemic approach** to integrated food policy development as well as informing individual policies, such as those for consumer protection, public health, agriculture, aquaculture and the environment, through additional information and knowledge on what we still do not know about all alternative sources of proteins and dietary shift, including latest developments.
 2. **Providing solutions and assessing their appropriateness** to fight climate change (through climate change adaptation and mitigation), halt biodiversity loss and improve the state of ecosystem services, promote the circularity of the food system and improve people's health and wellbeing through more nutritious, healthier and more sustainable food systems and food choices.
- **Scope**
 1. Consider all alternative sources of proteins (e.g. plant-based, microbe-based, ocean-based (i.e., fish, algae, invertebrates), fungus-based, insect-based, cultured meat), including their processing, and avoid focusing on only one, so that a comparison is possible. ;
 2. Fill knowledge gaps and increase our understanding
 3. Conduct a comparative systemic analysis of conventional and alternative proteins.
 4. Highlight the need for new 'future-proof' technologies



Call HORIZON-CL6-2021-FARM2FORK-01-15: **Transition to healthy and sustainable dietary behaviour**

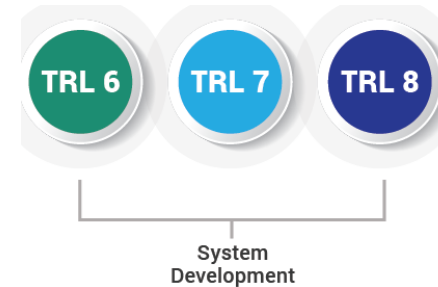
• **Open** : 2021 / **Type of support** : Research & Innovation Actions / **Budget** : 11 millions (1 project to be financed)

• **Expected results** :

Improved knowledge and understanding of the factors influencing dietary behaviour of different target groups, also looking specifically at vulnerable groups, across Europe, including barriers and constraints.; Identification **of effective means** for each food system actor to foster behavioural change.; The **ability of citizens to make informed food choices**.; **A scientific basis for dietary advice** to support policy makers and Member States that will empower individuals to adopt healthy and sustainable dietary behaviours, choices and lifestyles, as a win-win for both their health and the environment, building on national, EU and international competent bodies' advice.; A **better scientific basis for policy makers** to develop communication strategies that would increase the acceptability of food and health policy interventions by all actors and sectors that aim to support a shift towards healthy and sustainable diets for all, taking into account that education and dietary advice is a national competence.

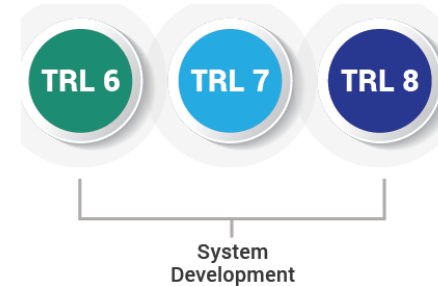
• **Scope**

Map and monitor dietary patterns at national/regional/rural/(sub)urban levels relevant to different genders, socio-economic and cultural groups, including the most vulnerable, to provide a snapshot of the situation across Europe.; **Identify, involve and analyse** different population groups, in particular the most vulnerable, and the impact of their choices in relation to health and environment in order to potentially enable them to benefit from the outcome of the project.; **Understand and measure the impacts** of the factors and incentives ; Understand the barriers and enablers of food system actors to improve food environments and to produce, process, promote and propose healthier and environmentally, socially and economically sustainable food products/processes/services to respond to the needs/demands of citizens.; For different targeted groups, **develop innovative local actions/approaches/interventions, tools to improve education, communication, engagement and training** ; Develop science-based tools for translating the scientific evidence; Fill the knowledge gaps and update the scientific basis to provide support for national authorities developing dietary guidelines ...; Provide recommendations for policy makers ...; Provide an evidence based cost-benefit analyses of the measure proposed.



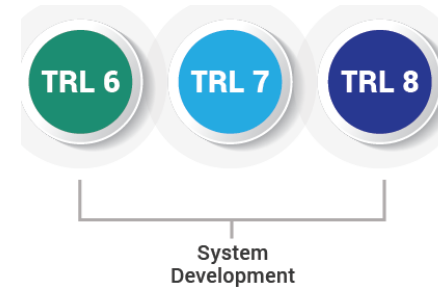
Call HORIZON-CL6-2021-FARM2FORK-01-17: **Increasing the transparency of EU food systems to boost health, sustainability and safety of products, processes and diets**

- **Open** : 2021 / **Type of support** : Innovation Actions / **Budget** : 11 millions (1 project to be financed)
- **Expected results** : Projects results are expected to contribute to all following expected outcomes:
 1. accelerate the deployment of transparency innovations and solutions in EU food systems, especially among micro-enterprises and SMEs, to boost health, sustainability, and safety of products, processes and diets and drive climate action
 2. make sure that future transparency innovations and solutions are demand-driven, systemic, and cost-effective and support the objectives of the EU Farm-to-Fork Strategy and the EU Green Deal
- **Scope**
 1. **Proposals should accelerate the deployment of transparency solutions** in EU food systems, especially among micro-enterprises and SMEs, to boost health, sustainability and safety of products, processes and diets towards 2030, and drive climate action.
 2. **Proposals should build a network** of expertise that can act as an EU hub for knowledge sharing, demonstration and piloting of systemic solutions related to transparency. This network should be governed by a wide range of experts and stakeholders, including practitioners (primary producers, processors, retailers, food service providers, consumers), public and private
 3. **Proposals should create an inventory of validated technologies** (such as IoT, Blockchain, Artificial Intelligence, 5G/edge, and Big Data), open data, approaches and methodologies based on past research and emerging best practice. Proposals should demonstrate the use of these technologies to address the six objectives listed above using existing or emerging data infrastructures across the food chain. Proposals should take care to valorise relevant past EU funded research.
 4. **Proposals should consolidate the state-of-play of approaches** to effectively deal with cross-cutting challenges (e.g. connectivity, privacy, interoperability, consumer acceptance, cost-effectiveness, skills) and address the lack of such approaches where needed, and in line with the relevant legal frameworks.



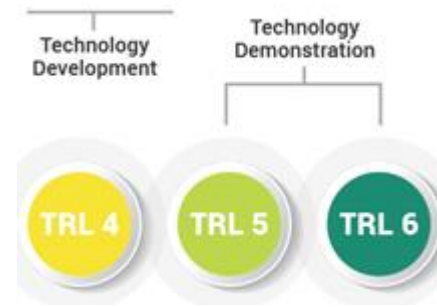
Call HORIZON-CL6-2021-COMMUNITIES-01-05: **Integrated urban food system policies – how cities and towns can transform food systems for co-benefits**

- **Open** : 2021 / **Type of support** : Innovation Actions / **Budget** : 12 millions (1 project to be financed)
- **Expected results** : Project results are expected to contribute to all of the following expected outcomes:
 1. City-region food systems and of the urban-rural linkages across Europe are better understood and taken into account in urban policies;
 2. The concept of local food environments is better understood and taken into account in local planning, with a view to driving people towards healthier food choices and transforming urban food systems to be healthier, circular and resilient;
 3. More cities and towns build on good practice initiatives ...
 4. Strengthened urban food systems governance...
 5. More Higher Education Institutes engaging in structured and long-term collaborations with local/regional actors to help transform their urban food system through participatory R&I;
 6. Improved decision-making by government actors ...
- **Scope** :
 1. Understanding: map local food systems, policies and actions,
 2. Governance: develop and evaluate innovative, multi-actor, urban food systems governance processes
 3. Engaging: mobilize a wide diversity of food system actors
 4. Mutual learning: reinforce or create new networks of cities and towns to share good practices and learn from and support each other



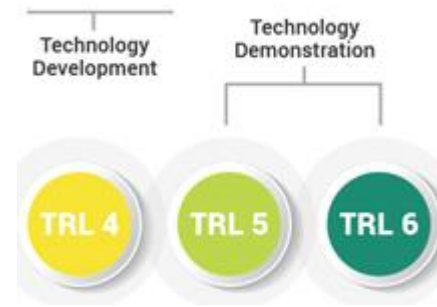
Call HORIZON-CL6-2022-FARM2FORK-01-07: **Building alternative protein-friendly sustainable and healthy food environments**

- **Open** : 2022 / **Type of support** : Innovation Actions / **Budget** : 12 millions (1 project to be financed)
- **Aim of funding (expected results)** : Projects results are expected to contribute to all of the following expected outcomes:
 1. Improve the effectiveness and efficiency of food environments to ensure the provision of alternative proteins to people (e.g. plant-based, microbe-based, ocean-based (i.e., fish, algae, invertebrates), fungus-based, insect-based), including the most vulnerable groups, to foster a dietary shift (accessibility and availability).
 2. Ensure an overall improvement of the health outcome resulting from this shift and aiming for healthy, sustainable, and diversified dietary patterns in line with national dietary advice.
 3. Reduce environmental burden of the food system, including but not limited to food system-related greenhouse gas (GHG) emissions and impact on ecosystems, improve circularity (e.g. food waste and by-products), provide new, sustainable and healthy products to consumers.
- **Scope** : Empower the “middle part” of the food system; Work on diversifying the offering ; Develop industry ready processes to sustainably produce food based on alternative proteins whose sensory characteristics (e.g. colour, taste, structure) and nutritional value will be accepted by consumers.; Assess tools and instruments (e.g., policy measures, incentives, existing and new promotion and marketing approaches, pricing policies) ; Take into account several key elements for the provision of alternative protein sources such as shelf-life, food handling, affordability (including externalities in prices of unhealthy and unsustainable diets), trade-offs between various food provision routes, developing new varieties of proteins sources and rediscovering/valorising old varieties



Call HORIZON-CL6-2022-COMMUNITIES-01-04: **Social innovation in food sharing to strengthen urban communities' food resilience**

- **Open** : 2022 / **Type of support** : Research & innovation Actions / **Budget** : 12 millions (1 project to be financed)
- **Aim of funding (expected results)** : Projects results are expected to contribute to all following expected outcomes: 1 The concept of urban food-sharing economy 5(e.g., kitchen spaces, meal sharing, food business incubators, collaborative delivery services, food donation). and of its impacts on the society, the planet and the economy at urban and peri-urban level are better understood, as well as the drivers to its development and the implementation gaps; 2 Urban and peri-urban communities develop or strengthen their food-sharing economies as a step towards more innovative, inclusive, sustainable and resilient local food systems and supply chains that can also address emerging problems, such as the challenges posed by the measures to contain the Covid-19 pandemic; 3 Prevention and reduction of food waste.
- **Scope** :
 1. building a more widespread and resilient food sharing economy: Cost-benefit analysis. Comparative governance analysis: Strategic planning: Challenging the existing theories: creation and evaluation of distributive food systems (e.g. mutual aid programmes, local food systems networks)
 2. creation and evaluation of distributive food systems (e.g. mutual aid programmes, local food systems networks)



Call HORIZON-CL6-2022-COMMUNITIES-02-02-two-stage: **Developing nature-based therapy for health and well-being**

- **Open** : 2022 / **Type of support** : Research & innovation Actions / **Budget** : 6 millions (3 project to be financed)
- **Aim of funding (expected results)** : Project results are expected to contribute to all following expected outcomes: 1 Sharper view of green space management, nature protection, agriculture and forestry sectors as care providers and their possible linkages with the healthcare, social and educational sectors; 2 Stronger evidence base for the causal relationships between nature and health and well-being for more effective nature therapy prescriptions; 3 Cost-effective nature therapy prescriptions are more widely used in the health care sector; 4 Greater citizen and policy-maker awareness of the positive benefits of nature for health and well-being; 5 Wider utilization by healthcare professionals and citizens of nature therapy as a form of preventive medicine.
- **Scope** :
 1. Develop a common framework to increasingly recognize and promote contact with nature, including protected areas and other green and blue spaces, as a cost-effective response for the prevention and treatment of human health and well-being;
 2. Propose an interdisciplinary and cross-sectoral approach, including the involvement of the health care sector, land owners, as well as green space management and nature protection sectors;
 3. Improve schemes monitoring nature-health linkages to enhance the evidence base and tools for the health care sector, green space management, nature protection, urban planning and landscape architecture;
 4. Develop longitudinal prospective methods, (quasi-) experiments or well-controlled interventions, to provide more evidence of the causal relationships between nature and health and well-being
 5. Test nature therapy sessions, identify best-practices and develop the necessary tools and guidelines for integration of nature-based care in the public health sector;
 6. Identify legal and administrative arrangements, partnerships, and financial mechanisms for implementation of nature therapy sessions.

Pillar 3 projects

Funding agency

European Commission

Objectives

3 different type of projects

- **Accelerator:** support a company to commercialize and develop their innovations (TRL from 5 to 9).
- **Transition:** leverage results of projects supported by the Pathfinder/FET/ERC POC. (TRL 5-6). develop the technological and commercial aspects, with a clear perspective of application to a new market
- **Pathfinder:** upstream research to develop the scientific basis for cutting-edge technologies (TRL 1-4).

Theme

Open call (bottom up) and for Transition & Pathfinder also Thematic call (top down)

Timing

- Call for proposals: according to calendar (2 main deadlines per year)
- Submission for accelerator: 4-step (10 pages, answer under 4 weeks, then full proposal if pass).
- Project start: About 8 month after the submission deadline
- **Next submission Accelerator 09/06 and 06/10, Pathfinder, 19/05 and 27/10, Transition, next filing 22/09**

Consortium

- Accelerator: Individual SMEs, start-ups, spin-offs, small ETIs
- Transition: Single to max 5 entities consortia to leverage results of Pathfinder/FET or ERC
- Pathfinder: Collaborative multidisciplinary research (bringing together science and engineering)

Duration

2 years

Size of project

- Accelerator: Up to €2.5M per grant and €15M per equity (via the EIC Fund).
- Transition : Grant of €2.5M or more if justified
- Pathfinder, 3-4M€ grant.

Funding rates

70% on accelerator, 100% for transition & pathfinder

Success criteria

Impact, Excellence

Level of risk, implementation, and need for Union support (for accelerator)

Quality and efficiency of the implementation (accelerator)

Success Rate

About xx% on average.

Website

https://eic.ec.europa.eu/index_en/





Pilar 2 : EIC Accelerator

Used to develop high-impact innovations with the potential to create new markets or disrupt ones.

- Focuses on innovations based on scientific discoveries or technological breakthroughs ("deeptech").
- Those that require significant funding over a long period of time before they can generate returns ("patient capital").

Scope Open to innovations in any technological or application area.

- Later stages of technology development as well as scaling up.
- Technology readiness level 5/6 or higher.
- EIC support will act as a catalyst to attract other investors needed to scale up the innovation.

Who (need to have 10% of ETP in R&D)

1. SMEs only from a Member State or Associated Country;
2. "Small and medium-sized enterprises (up to 500 employees) only for rapid scaling (e.g.TRL 9) and only for the investment component;
3. One or more natural or legal persons: - intending to set up an SME/small medium-sized enterprise at the time of signing the intending to set up a medium-sized SME/small business at the time of signing the Acceleration Contract or the Investment Component in ending to invest in a company provided that a prior agreement exists with the company. The contract will be signed only with the beneficiary company;



Pilar 2 : EIC Accelerator

Grant and investment

If you need support for development (TRL 5/6 8), deployment and scaling up (TRL 9).

Subsidy in the first place

If your innovation still needs significant validation work and demonstration in relevant environments to assess its commercial potential.

Grant only

If you can prove that you have sufficient financial means for deployment and scaling up (TRL 9).

Investment only

If you are looking to fill the funding gap for rapid scaling up and you do not need a grant.

Investment component

0.5 million and a maximum of EUR 15 million,
usually in the form of equity or quasi-equity,
maximum 25% of the company's voting shares,
patient capital" principle (7 to 10 years on average).

Subsidy component

2.5 million,
eligible costs are reimbursed up to a maximum of 70%,
the innovation activities supported must be completed within 24 months,
small and medium-sized enterprises are not eligible for grants (but can apply for investment only).



Pilar 2 : EIT

Independent structure

Reinforce the capacity of innovation in Europe articulating research, innovation, and education triangle about international problematics.

Activity

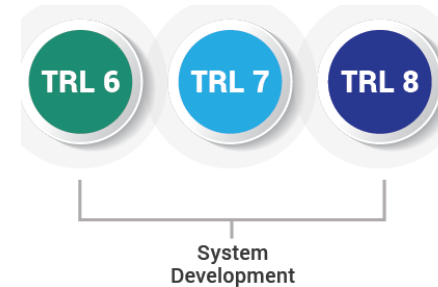
- Education (diploma and continuing education)
- Technology transfer and market introduction of innovative solutions
- Innovation partnerships, creation of start-ups.

8 community



horizon
europe

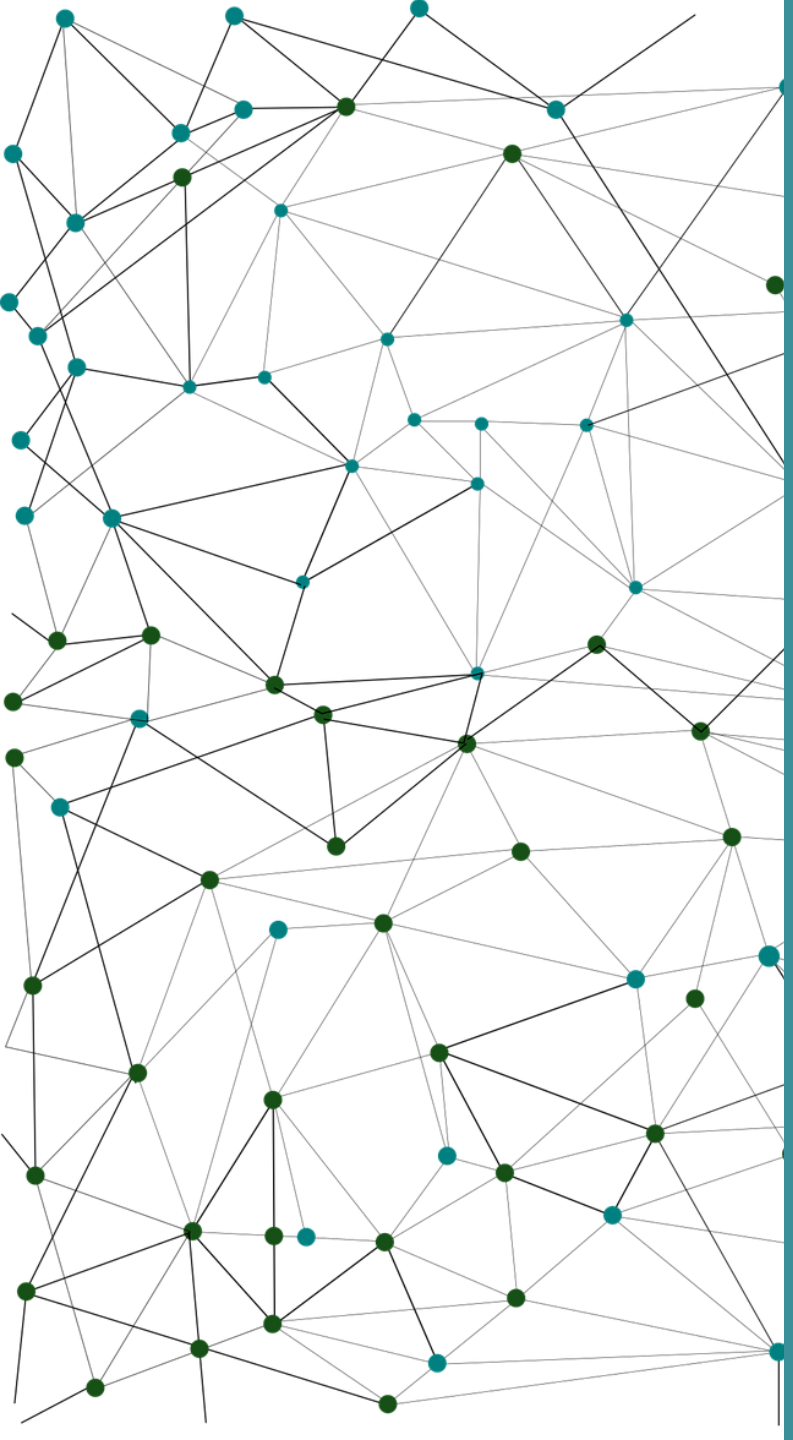
Le programme européen
pour la recherche
et l'innovation



Call Call for problem holders and solution providers to tackle water scarcity in Southern Europe

- **Open :** June 2021 / **Type of support :** Demo & funds / **Budget :**
- **Looking for :**
 - 3 problem holders (private companies, associations of companies, cooperatives, or public entities) from the food & beverage industry, the agricultural sector and/or the water utilities and large infrastructures willing to find solutions tailored to their specific needs through the provision of a case study. or in total, presenting a case study related to at least one of the challenges in the document of the call. Priority will be given to entities located or at least have a production site in the Mediterranean region, specifically in Cyprus, Greece, Italy, Malta or Spain
 - A scaleup or SME with an innovative solution for improved water management or reduced water consumption. The EIT community is looking for twenty scaleups – startups seeing accelerated growth after demonstrating a product-market fit- and innovative SMEs working on new solutions tailored to one or several of the challenges faced by the food & beverage industry, in agriculture, or by utilities and infrastructure. The solution providers can submit their SMART solutions for a maximum of two of the sectorial challenges. Twenty applications will be selected to participate in the Programme, which includes market-oriented training, a 3-months mentoring period, 66k EUR cash prizes, and the possibility to implement a demo site with one of the problem holders at the end of the period.
- **Scope :**
 - EIT Food together with Climate KIC, Digital and Manufacturing KICs, Athena RC and Bioazul S.L., are leading a multiannual and multidisciplinary programme designed to alleviate water scarcity in Southern Europe. We work together considering water scarcity as a thematic field from agrifood to manufacturing.
 - The main objective of the programme is to ease the transition to a water saving economy across Southern Europe and to contribute, in the long run, to reduce Europe's water consumption, wastage and pollution. This is achieved by targeting different stakeholders, from policy makers to business, industry leaders and citizens through different actions.

<https://www.eitfood.eu/procurement/call-for-problem-holders-and-solution-providers-to-tackle-water-scarcity-in-southern-europe>



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Other Call & Programs for European R&I
projects

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Joint Program Initiatives (JPI)

Funded to pool national research efforts in order to make better use of Europe's research and development resources and tackle common European challenges more effectively.

It finance calls and activities by the European Commission via CSA, and by national agencies or other private institutions (foundations, associations, etc.).Commission. Each JPI is independent from each other in its activities.

List of existing initiatives :

Alzheimer and other Neurodegenerative Diseases (JPND)

Agriculture, Food Security and Climate Change (FACCE)

A Healthy Diet for a Healthy Life

Cultural Heritage and Global Change: A New Challenge for Europe

Urban Europe - Global Urban Challenges, Joint European Solutions

Connecting Climate Knowledge for Europe

More Years, Better Lives - The Potential and Challenges of Demographic Change

Antimicrobial Resistance- The Microbial Challenge - An Emerging Threat to Human Health

Water Challenges for a Changing World

Healthy and Productive Seas and Oceans



Programme ERANET COFUND

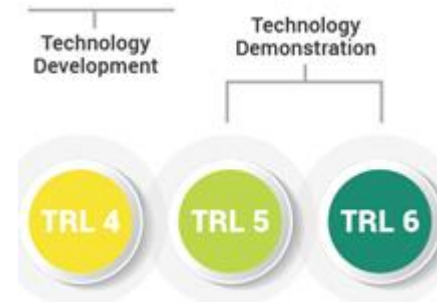
Funding agency	Commission and by national agencies
Objectives	Pool national research efforts in order to make better use of Europe's research and development resources and tackle common European challenges more effectively.
Theme	
Timing	Each JPI is independent
Consortium	Pan European
Duration	Multi annual projects
Size of project	Multi M€
Funding rates	Most projects are funded threow European Research Area Network Cofund (ERA-Net Cofund) Actions , internal call to JPI calls are only for members and funded other way
Success criteria	xxxx
Success Rate	About xx on average in the previous edition.
Website	https://ec.europa.eu/programmes/horizon2020/en/h2020-section/joint-programming-initiatives



Programme NOT COFUND in JPI

Funding agency	Commission and by national agencies
Objectives	Pool national research efforts in order to make better use of Europe's research and development resources and tackle common European challenges more effectively.
Theme	
Timing	Each JPI is independent
Consortium	Pan European
Duration	Multi annual projects
Size of project	Multi M€
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Success Rate	About xx on average in the previous edition.
Website	https://ec.europa.eu/programmes/horizon2020/en/h2020-section/joint-programming-initiatives





Call ERA-HDHL (2021) "Addressing adverse and beneficial effects of food ingredients and food processing on hypersensitivities to food" (FOOD_HYPERSENS)

- **Open** : 04/2021 / **Type of support** : ERANET NON COFUND / **Budget** : x millions €
- **Expected results** : Address how food ingredients and food processing methods can induce or prevent the occurrence of food intolerances and allergies among the consumers.
 - Proposals should include research on one or more of the following topics:
 - the mechanisms, responsible for inducing or preventing food intolerances and food allergies, both in children and adults (e.g. immunity; inflammation; nutrient metabolism; genetics; microbiota; physiology);
 - how food processing and food ingredients can modulate the occurrence of food allergies/intolerances;
 - the development of new approaches to food processing (e.g. novel food ingredients, novel processing methods) to decrease food intolerance/food allergy;
 - the development and/or validation of diagnostics/methods to distinguish between actual and perceived food intolerances and allergies (IgE and non-IgE-mediated);
 - the development and/or validation of detection methods for adverse or beneficial food components generated through food processing.
 - **Consortium** : VARY according to funding national organisation.
 - a minimum of three partners eligible for funding by the national/regional participating funding organizations, No more than two eligible partners from the same country will be accepted within the same consortium.
 - joint research proposals may be submitted by applicants working in universities (or other higher education institutions), in non-university research institutes, in foundations, in hospitals and in other health care settings as well as in the private sector such as in commercial enterprises, **in particular small and medium-size ones** (non-exhaustive list).

EJP

European Joint Partnership Cofund (EJP) -> Co-fund European partnership in HE

Co-fund action designed to support coordinated national research and innovation programmes. The EJP Cofund aims at attracting and pooling a critical mass of national resources on objectives and challenges of Horizon 2020 and at achieving significant economies of scales.

EJP Cofund allows implementation of a joint programme of activities, ranging from research and innovation projects to coordination and networking activities, as well as training activities, demonstration and dissemination activities, support to third parties etc. The EJP Cofund supports direct consortium activities and/or (single or multiple) calls for proposals for financial support to third parties.

EUROfusion Implementation of activities described in the Roadmap to Fusion

CONCERT European Joint Programme for the Integration of Radiation Protection Research

HBM4EU European Human Biomonitoring Initiative

One Health EJP Promoting One Health in Europe through joint actions on foodborne zoonoses, antimicrobial resistance and emerging microbiological hazards

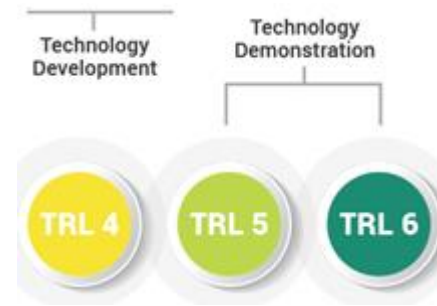
Rare Disease European Joint Programme Cofund

Soil **Towards climate-smart sustainable management of agricultural soils**

External call from EJP

Funding agency	Funded by national agencies
Objectives	co-fund action designed to support coordinated national research and innovation programmes.
Theme	According to EJP and roadmap
Timing	Published usually 2 to 3 month before deadline
Consortium	Pan European
Duration	Multi annual projects
Size of project	3M € or more (each partner is financed by its region/country)
Funding rates	
Success criteria	
Success Rate	
Website	





Call Towards Healthy, Resilient and Sustainable Agricultural Soils

https://ejpsoil.eu/fileadmin/projects/ejpsoil/WP4/1st_external_call/EJP_SOIL_1st_external_call_Pre-Announcement_official.pdf

- **Open** : April / Close Sept 2021 / **Type of support** : Research / **Budget** : x millions (3 project to be financed)
- **Aim of funding (expected results)** : to foster holistic agricultural soil management practices which will assist making a shift to diversify farming to include a variety of sustainable and environmental practices.
- Knowledge gaps in the area of SOC sequestration need to be closed, e.g. by developing soil management options which help to protect existing stocks of soil carbon and store additional C through sequestering CO₂ from the atmosphere. Effective CO₂ sequestration can help reduce GHG emissions thereby helping to fulfil the objectives of the European Green Deal.
- Another objective is to make shift from those agricultural practices that contributes to soil degradation, towards, more sustainable practices and methods. This not only addresses sustainable production but also healthy environment, which can be achieved by, enhancing knowledge about biodiversity, and understanding functionalities and interactions in soils. Strong population growth combined with climate change challenges have placed food security high on the global agenda and therefore it is one of the key elements of the EU's farm to fork strategy.

1. Thus, interested project consortia should apply to one of the three topics:
2. Understanding SOC sequestration (stabilization, storage and persistence)
3. Soil biodiversity: status, and role in ecosystem services provided by soils
4. Site-specific or landscape-scale approaches to improve sustainability, resilience, health, and productivity of soils

- **Who can apply** :

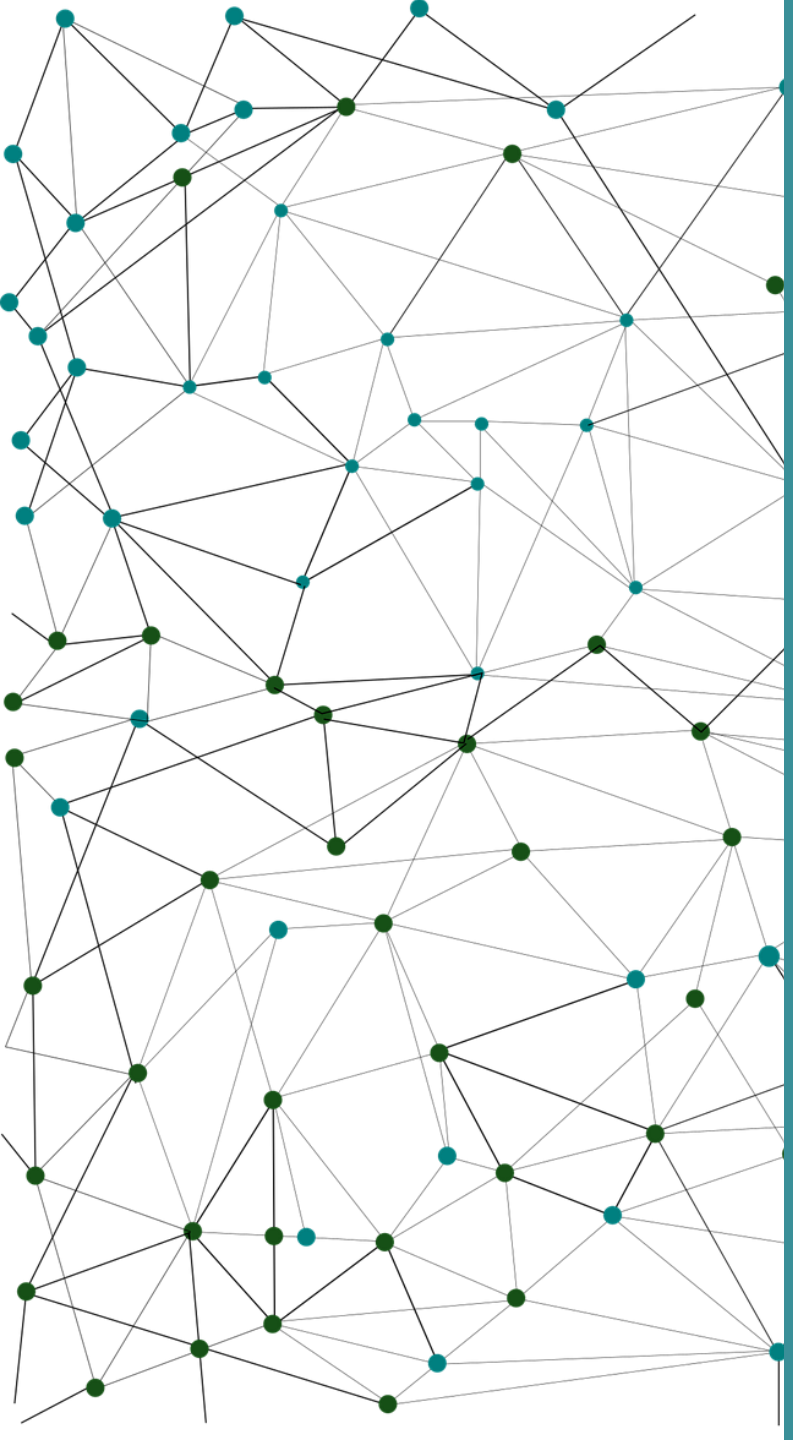
Universities and other higher education institutions, public research institutions, private non-profit organisations, and private companies can apply subject to the national regulations and eligibility criteria. Research consortia should consist of a minimum of three partners seeking funding from at least three participating countries.

Programme LIFE & LIFE +



Funding agency	European Commission
Objectives	To support projects in the fields of environment and climate. LIFE for large project, LIFE close-to-market for close to market micro project
Theme	<ul style="list-style-type: none">• <u>Nature and Biodiversity</u>• <u>Circular Economy and Quality of Life</u>• <u>Climate Change Mitigation and Adaptation</u>• <u>Clean Energy Transition</u>
Timing(Provisional)	Launch of call Late spring 2021 Deadline for applications Summer 2021 + Evaluation Autumn 2021 Signature of grants First half of 2022
Consortium	LIFE : Any public or private organisation registered in the European Union; Be independent, in from gov, public auth or commercial interests LIFE close-to-market : company with close to market innovative solution or product
Duration	Usually, 3 to 5 years
Size of project	Usually 5M € / Life Close to market (?)
Funding rates	Between 55 to 75% according to project typology/Theme
Success criteria	xxxx
Success Rate	About xx on average in the previous edition.
Website	https://cinea.ec.europa.eu/life_en





Funding support for SMEs innovation projects in Heathy Food

Other Call & Programmes for international R&I
projects

This project has been co-funded by the European Regional Development Fund (ERDF) through the Atlantic Area Programme, under the subsidy contract EAPA_1071_/2018 AHFES.

This document reflects the author's view. The Atlantic Area programme authorities are not liable for any use that may be made of the information contained herein.

PRIMA – Partnership for Research and Innovation in the Mediterranean Area (Euro-Mediterranean cooperation)



“build research and innovation capacities and to develop knowledge and common innovative solutions for agro-food systems, to make them sustainable, and for integrated water provision and management in the Mediterranean area, to make those systems and that provision and management more climate resilient, efficient, cost-effective and environmentally and socially sustainable, and to contribute to solving water scarcity, food security, nutrition, health, well-being and migration problems upstream”.

Participation condition are same as Horizon Europe

19 countries participating : Algeria, Croatia, Cyprus, Egypt, France, Germany, Greece, Israel, Italy, Jordan, Lebanon, Luxembourg, Malta, Morocco, Portugal, Slovenia, Spain, Tunisia and Turkey have formally become PRIMA Participating States.

Call Theme Area 1-Water management 2021

Topic 1.1. 2021(RIA) Sustainable soil and water management for combating land degradation and desertification and promoting ecosystem restoration

- **Open :** 03/2021 **Deadline of submission :** 03/2021 **Support :** Research and Innovation Actions / **Budget :** 2.75 millions (4 project to be financed)
- **Expected Impact :**
 - Restoring degraded landscapes and improving the functionality of agricultural systems pastures and natural Agro-Ecosystems landscapes.
 - Promotion of proven and cost-effective solutions to land (water (water quality and quantity) and agro-ecosystem degradation).
 - Promote the scaling-out of sustainable management options supported by an appropriate enabling environment to combat land degradation, enhance productivity and livelihoods.
 - Contribution to the development of scientific decision-support tools and policy options to land and water degradation challenges.
 - Promote public and private investment opportunities for the adoption of sustainable land and water management practices.
 - Decrease land degradation as a strategy to avoid migration and to increase productive livelihoods to ensure food security, and to contribute to improving employment, especially of women and youths.
- **Scope :** Actions should be now taken to adapt and enhance the scaling up and out of the already available practices to increase areas under sustainable soil and water management resulting in tangible impacts on the environment and livelihoods. The “living lab” approach should be considered to demonstrate the scaling out of successful sustainable management option at massive scale. Proposals should identify representative sites based on previous works done in different Mediterranean countries, taking into account land degradation hot spots and following a participatory method that ensures the involvement of key stakeholders and decision-makers at different levels. At the same time, tools for assessment and monitoring of land degradation should be harmonised and standardised

• **Call** Thematic Area 2- Farming systems 2021

1.2.1-2021 () Increasing the environmental and socio-economic performance of small scale farming systems through improvement in organisational aspects and new value chain governance models.

• **Open** : 03/2021 **Deadline of submission** : 30/06/2021 / **Budget** : 2.75 millions (4 project to be financed)

• **Expected Impact** :

- Enable access to markets, i.e. create access of local producers to distribution channels and markets, providing the general population with healthy and sustainable products.
- Increase the income of the farmers, also including other possible agricultural linked income sources and ensure transparency and fair pricing structure along the value chain.
- Promote access to work of young farmers and women.
- Improve sustainable food production systems with efficient use of natural resources and with eco-friendly processes with low GHG emission.
- Reduce food losses along production and supply chains, including primary losses and potential for increasing the waste left.

• **Scope** :The approach to be proposed should be based on two main targets: i) Resilience, i.e. promote innovative and sustainable rural development, with a specific focus on poverty eradication, women's empowerment and youth employment, including equitable and sustainable access to essential local services for rural communities and ii) Resilience and environmental sustainability, i.e. improve the resilience of Mediterranean smallholder farming systems to climate change and the sustainability of concerned agro-ecosystems through ecological approaches. These include increased use of functional biodiversity and especially agrobiodiversity, organic farming and sustainable land and water use management.

• **Call Theme 3 - Mediterranean Area 3 - Agri-food value chain 2021**

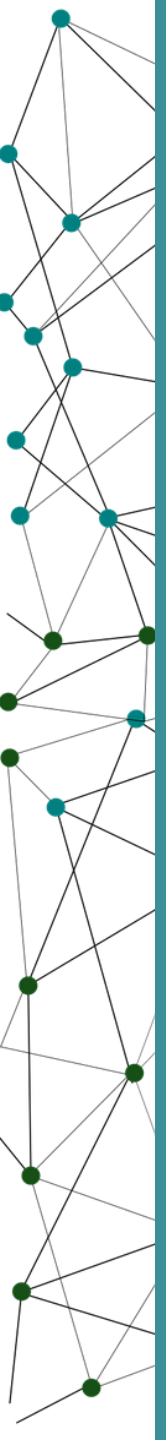
1.3.1-2021 () Increase adherence to the Mediterranean diet as a sustainable pattern including environmental, social and health aspects.

• **Open :** 03/2021 **Type of support :** innovative **Budget :** 2.75 millions (4 project to be financed)

• **Expected Impact :**

- Identification of socio-economic and cultural barriers (impeding behaviour change) aiming to increase adherence to the Mediterranean diet, through hands-on approaches and experiments. Identification and comparative analysis of local determinants of food choices (such as education, socio-economic conditions, market dynamics) of different Mediterranean populations through harmonised and validated methods. Foster new business models, marketing of food products and promoting eating habits consistent with the Mediterranean diet, that meet consumer preferences and acceptability.
- Assessment, monitoring and reporting of the adherence to the Mediterranean diet through the development of methodologies that enable the acquisition of data and appropriate indicators. A shift towards consumer behaviour development that corresponds to the appreciations, preferences, (health) needs and affordable means of consumption in the Mediterranean countries and tourists as ambassadors of the Mediterranean Diet.
- **Scope :** Activities responding to this topic should analyse existing food systems to identify potential changes needed to encourage the consumption of diverse required foods and the eating behaviours consistent with the Mediterranean diet. Proposals should codify and valorise the components of the Mediterranean dietary patterns with the final goal of creating mechanisms to attract more consumers and ensure greater recognition and competitiveness in markets of healthy Mediterranean food. This should be applied to a great variety of unprocessed or minimally processed foods present in the markets (domestic, regional, international), which are consistent with the Mediterranean dietary pattern, to counteract the mass consumption of unhealthy food. Proposals should propose new food products and related sustainable food habits, consistent with the Mediterranean diet, that meet consumers' preferences and acceptability along with tailored business models and marketing strategies. Activities could also propose a new process able to trigger the consumption of components of the Mediterranean diet or a mix between product and process.

CLOSED



EUREKA

innovation across borders

EUREKA

EUREKA is an intergovernmental initiative to support cooperative R&D at European level that aims to strengthen the competitiveness of European enterprises by promoting the implementation of technology projects, aimed at the development of products, processes and/or services with a clear commercial interest on the international market and based on innovative technologies.

- Network projects & EUROSTARS projects, both handled by National Representatives (HLR)
- EUREKA cluster projects that have received the label awarded by the corresponding Cluster Council.
- EUREKA LABEL

It is open to any company capable of carrying out an applied R&D project in collaboration with at least one company and/or research center from another EUREKA network country.

The member countries present at EUREKA are: Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Slovakia, Slovenia, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Israel, Italy, Latvia, Lithuania, Luxembourg, Macedonia, Malta, Monaco, Montenegro, the Netherlands, Norway, Poland, Portugal, Romania, Russia, San Marino, Serbia, Spain, Sweden, Switzerland, Turkey, the United Kingdom and Ukraine. In addition, the European Union is also a full member. EUREKA partner countries currently include Canada, South Korea, Chile and South Africa. + In addition, there is a special case of Albania and Bosnia-Herzegovina, which have National Information Points (NIPs).

Programme Eureka Eurostars



Funding agency	National funding bodies of EUREKA member states + European Commission
Objectives	Promotion of innovative Small and Medium-Sized Enterprises (SMEs) with: <ul style="list-style-type: none">• More than 10% of annual turnover spent on R&D• Proven financial viability (co-funding)• Sufficient capacities to market the project results (commercialization)
Theme	Free choice of product-driven and market-oriented project idea (bottom-up)
Timing	<ul style="list-style-type: none">• Call for proposals: Continuously open• Proposal submission: Two deadlines per year• Project start: Less than 7 months after the submission deadline
Consortium	Minimum of 2 partners from 2 different countries. At least one SME
Duration	Usually 2 years, maximum 3 years Funding rates National funding rules apply, e.g. 40% in France for SMEs Funding National funding rules apply,
Size of project	500k to 5M €
Funding rates	Funding rates National funding rules apply, e.g. 40% in France for SMEs Funding National funding rules apply,
Success criteria	<ul style="list-style-type: none">• Project idea and innovation• Expertise of partners• Market potential and commercialization within 2 years after the end of the project
Success Rate	About 30% on average in the previous edition.
Website	www.eurostars-eureka.eu



Programme Eureka R&D international partnership

Funding agency	National funding bodies of EUREKA member states + European Commission
Objectives	Support innovation projects targeting the development of products, services or industrial processes with a concrete prospects for industrialization and marketing.
Theme	Industrial research and experimental development activities (industrialization and commercialization costs are not eligible)
Timing	Open call for Network projects applications : ending 31 Dec 25 France and Spain : ending 15 Jun 21 France or Spain Korea : ending 31 Aug 21 Austria and Spain call for projects : ending 15 Sep 21
Consortium	at least one company from each country (start-up, SME or ETI) with strong international growth potential. Participating countries are: Algeria, Jordan, Morocco, Brazil, Korea, Cuba, Japan, China, Egypt, India, Malaysia, Mexico, Thailand and Russia.
Duration	12 to 36 months
Size of project	from € 50,000 up to € 3 Million (submitted to financial analysis of the company and financial conditions) +DIAG Partenariat Technologique International: grant of up to 30k€ for 50% of your costs related to prospecting partners, feasibility studies, etc.
Funding rates	Funding is given in zero interest rate loans or repayable advance reimbursable in case of technical success France SME Industrial research and experimental development (industrialisation and commercialisation costs are not eligible). Spain Ireland UK Portugal





eurostars™

EUROSTAR

To finance international collaborative R&D project (at least 2 countries participating in the Eurostar programme) on any theme aiming at creating innovative products, processes or services to be commercialised (within 2 years).

Submitted twice a year - Next date not yet known

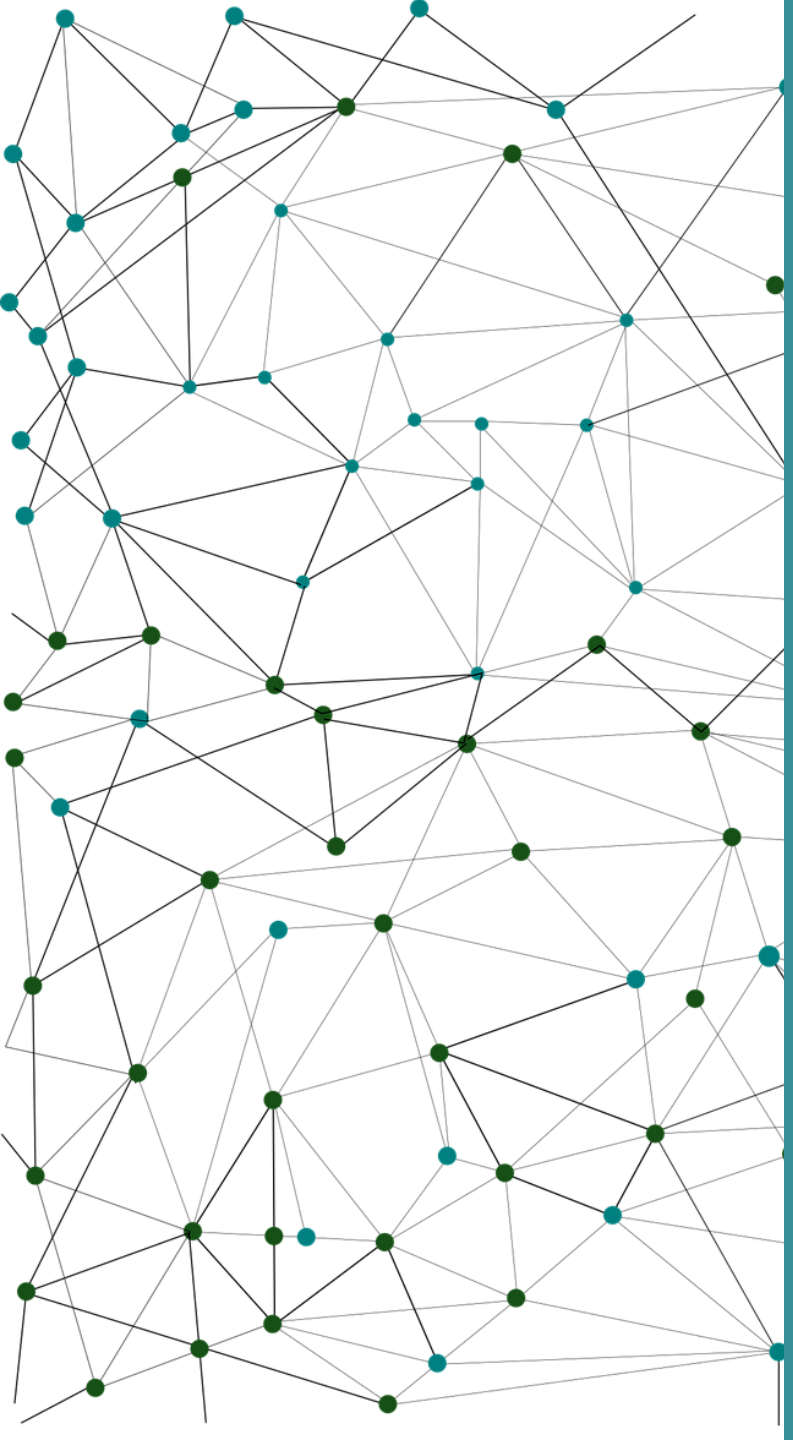
Access public funding and improve the perception of your organisation by private investors. Companies experience an average 15% increase in annual turnover; 69% of companies enter new markets and 68% gain market share R&D relationships are transformed into commercial relationships Increased visibility of organisations in their areas of specialisation 29% on average of project applications are funded.

	SME	Less 2000 FT	Academic
funding	40% of cost	30% of costs	40% (100k€ max)





Who	the main partner of the project must be an SME active in research and development. (R&D Performing Sme is a SME devoting 10% of its turnover or workforce to R&D.)
	SME partners, universities and research centres from one of the 36 countries participating in the programme. If outside ok if 2 of its members are from different participating countries.
	<ul style="list-style-type: none">• 50% of the total budget of your project (excluding subcontracting) must come from the R&D SME or SMEs.No one organisation can be responsible for providing more than 75% of the total project budget, nor can any one participant from the same country.French companies must confirm that they can finance their part of the project (e.g. with own funds or funds raised).
Results	<ul style="list-style-type: none">• Must research or develop new products, processes or services with a view to commercialisation. Projects must be completed within 36 months of the project start date.Market introduction (or start of clinical trials) must be expected within 24 months of project completion.



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Call & Programmes in **INTERREG**

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Interreg



The programme area covers the whole territory of the EU 27 as well as Norway and Switzerland, referred as Partner States (PS) in this document, corresponding to 254 regions¹ in total.

European Cross-Border cooperation, known as Interreg A, supports cooperation between NUTS III regions from at least two different Member States lying directly on the borders or adjacent to them. It aims to tackle common challenges identified jointly in the border regions and to exploit the untapped growth potential in border areas, while enhancing the cooperation process for the purposes of the overall harmonious development of the Union. There are **60 cooperation programmes** for the period 2007-2013 with an allocation of **EUR 6 billion**

Transnational cooperation, known as Interreg B, involves regions from several countries of the EU forming bigger areas. It aims to promote better cooperation and regional development within the Union by a joint approach to tackle common issues. Interreg B supports a wide range of project investment related to innovation, environment, accessibility, telecommunications, urban development etc. The transnational programmes add an important extra European dimension to regional development, developed from analysis at a European level, leading to agreed priorities and a coordinated strategic response. 15 cooperation programmes. It is delivered through the European Regional Development Fund (ERDF) with EUR 2.1 billion for the period 2014-2020.

Interregional cooperation, known as Interreg C, works at pan-European level, covering all EU Member States, and more. It builds networks to develop good practice and facilitate the exchange and transfer of experience by successful regions. It showcases what regions do well, to the benefit of those still investing. 4 interregional cooperation programmes Interreg EUROPE, INTERACT, URBACT and ESPON €500 million

Programme Interreg C : Interreg Europe



Funding agency	ERDF
Objectives	Aims at improving the implementation of regional policies, with a particular focus on the Investment for Growth and Jobs and European Territorial Cooperation programmes. The programme is primarily for organisations responsible for regional policies and organisations in charge of Structural Funds programmes.
Theme	<ul style="list-style-type: none">• Research and innovation• SME competitiveness• Low-carbon economy• Environment and resource efficiency
Timing	<ul style="list-style-type: none">• Call for proposals: Deadline• Proposal submission: 1 per year• Project start: Less than x months after the submission deadline
Consortium	The following types of institutions are eligible for the programme: <ul style="list-style-type: none">• local, regional, national authorities• bodies governed by public law• private non-profit organisations
Duration	Usually, 3 years
Size of project	2 to 5M €
Funding rates	Public 85%, Private 75%
Success criteria	
Success Rate	About XX on average in the previous edition.
Website	https://www.interregeurope.eu/



Programme Interreg B Interreg Europe du Nord Ouest (ENO)

Funding agency	National funding bodies of EUREKA member states + European Commission
Objectives	A European Territorial Cooperation programme with the ambition to make the North-West Europe area a key economic player and an attractive place to work and live, with high levels of innovation, sustainability and cohesion.
Theme	<p>To enhance innovation performance of enterprises throughout NWE regions (Innovation)</p> <p>To facilitate the implementation of low-carbon, energy and climate protection strategies to reduce GHG emissions in NWE (Low carbon)</p> <p>To facilitate the uptake of low carbon technologies, products, processes and services in sectors with high energy saving potential, to reduce GHG emissions in NWE (Low carbon)</p> <p>To facilitate the implementation of transnational low-carbon solutions in transport systems to reduce GHG-emissions in NWE (Low carbon)</p> <p>To optimise (re)use of material and natural resources in NWE (Resource and materials efficiency)</p>
Timing	<ul style="list-style-type: none">• Call for proposals: Deadline• Proposal submission: 2 calls per year• Project start: Less than 7 months after the submission deadline
Consortium	Partnerships requirement depends on topic. Any innovation stakeholders (e.g. enterprises, researchers, education institutions, training organisations, policy-makers, and private investors).
Duration	Usually 2 years, maximum 3 years Funding rates National funding rules apply, e.g. 40% in France for SMEs Funding National funding rules apply,
Size of project	3 to 5M €
Funding rates	Funding rates 60%,
Success criteria	
Success Rate	
Website	www.nweurope.eu



Programme Interreg B Interreg Espace Atlantique (EA)



Funding agency	ERDF
Objectives	<p>implement solutions to answer to regional challenges in the fields of innovation, resource efficiency, environment and cultural assets, supporting regional development and sustainable growth.</p> <ul style="list-style-type: none">• Priority 1: Stimulating innovation and competitiveness• Priority 2: Fostering resource efficiency• Priority 3: Strengthening the territory's resilience to risks of natural, climate and human origin• Priority 4: Enhancing biodiversity and the natural and cultural assets• Priority 5: Technical Assistance
Theme	Free choice of product-driven and market-oriented project idea (bottom-up)
Timing	<ul style="list-style-type: none">• Call for proposals: Deadline• Proposal submission: every 2 years• Project start: Less than 6-8 months after the submission deadline
Consortium	<p>Lead Partner must be a public or not-for-profit private organization under national law.</p> <p>A wide range of organizations, under public or private law, are potential beneficiaries of European Regional Development Fund (ERDF) and may therefore join a project partnership.</p>
Duration	3 years
Size of project	2M€
Funding rates	60%
Success criteria	xxxx
Success Rate	xxxx
Website	https://www.atlanticarea.eu/



Programme Interreg A : Interreg France (Manche) Angleterre

Funding agency	National funding bodies of EUREKA member states + European Commission
Objectives	<p>Project on below topics that have a benefits of working on a cross-border project:</p> <ul style="list-style-type: none">• Working together to develop one solution to a common problem.• Working together to learn from each other's experiences and expertise, giving organizations a wider area to search for solutions to their problems.• Opening up to new audiences for ideas and products, and new markets for SMEs to break into using the experience gained from cross border working.• Reducing the costs normally associated with gaining this type of experience and opportunity, meaning it is a great chance for those looking for new opportunities and challenges.
Theme	5 mains topics : 1 Technologies bas-carbone; 2 Innovation sociale; 3 Innovation; 4 Patrimoine naturel et culturel; 5 Ecosystèmes côtiers et eaux de transition 
Timing	<ul style="list-style-type: none">• Call for proposals: Deadline• Proposal submission: 1 call per year• Project start: Less than 6-8 months after the submission deadline
Consortium	Any legal entity can lead, at least one from each territory, whether in the public or private sector
Duration	Usually 2 years, maximum 3 years Funding rates National funding rules apply, e.g. 40% in France for SMEs Funding National funding rules apply,
Size of project	No max, usually 3-5M, also micro projects @ 500k.
Funding rates	69%
Success criteria	All projects should explain how they intend to deploy the technologies, products, processes and services implemented in their projects. Deployment = a series of project activities that increase the sustainability of the project outputs and results (their applicability, use or market share) for a period of 5 years after the project closure date
Success Rate	About 30% on average in the previous edition.
Website	www.channelmanche.com