



Call for Joint Transnational Research Proposals:

**“New food resources and technologies to improve public health and food security”
(FOODRETEC)**

**Submission deadline:
April 21, 2023, 15h00 CEST**

Link to: [“https://ptoutline.eu/app/foodretec”](https://ptoutline.eu/app/foodretec)

The submission system will be opened by 24th of February

For further information, please visit us on the website:

<http://www.healthydietforhealthylife.eu/>

or contact the Joint Call Secretariat (JCS):

French National Research Agency
Dr. Martine Batoux
+33 1 73 54 81 40
86 rue Regnault, 75013 Paris
Email: JPI-HDHLCalls@agencerecherche.fr

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1. Introduction

The Joint Programming Initiative “[A Healthy Diet for a Healthy Life](#)” (JPI HDHL) has been established to coordinate research in the areas of food and health in order to tackle major societal challenges that no single country is capable of tackling on its own. The main aim of the JPI HDHL is to better understand the food-health relationship and subsequently translate this knowledge into programmes, products, tools and services that enable consumers in Europe and beyond to live a healthy life. The JPI HDHL also aims to establish new research networks, to harmonise protocols, to share data, guidelines, research facilities and capacities and promote transnational and transdisciplinary collaboration that will allow the development of ambitious research projects that meet the needs identified by the JPI HDHL.

Global food production is a major contributor to climate change and depletion of the earth’s natural resources (Global Nutrition Report, 2021¹). In turn, climate change, pollution and scarcity of water affect food and nutrition security. The situation is further aggravated by the increasing demand for food by the growing world population, changing dietary patterns and a significant upscale in the volume of food loss throughout the whole chain (farm and sea to fork). Food portfolios need to be adapted to facilitate a major shift towards more sustainable use of raw materials in food products and introduce new and unexplored nutritional resources. To meet these societal challenges and secure nutrition and sustainability, future food will look different than today.

This call intends to fund dedicated, top-class transnational and transdisciplinary research consortia focusing on systems approach to build knowledge to prepare for and succeed with a dietary shift towards a healthier and more sustainable diet where improved use of resources is a driving force.

2. Background

The growing world population enforces increased supply of healthy and sustainable food that can originate from underutilised or new resources. Research and technology are needed to transform these resources into new consumer food products. The development and application of innovative food technologies and the use of new food ingredients, even though perceptions may be different, greatly contribute to the production of safer, healthier, and more sustainable food. To achieve the best possible result, trying to mediate among these (three) paramount aspects, new research needs to address all the elements of the extremely complex steps within

¹ <https://globalnutritionreport.org/reports/2021-global-nutrition-report/>



the food system, including logistics, environmental, and bioeconomic dimensions. It will also be important to contextualize every new food developed through innovative approaches within the framework of a healthy, balanced, and sustainable diet.

Citizens play a key role in this necessary dietary shift towards healthier and more sustainable food available on the market. Here, insight on food culture, dietary eating patterns, acceptance of new food and technologies and willingness to change habits are key areas for finding the right approach to achieve food security. In this transition, consumers acceptance towards new food is essential. More knowledge is needed to understand how different consumers respond to new food and its origin, degree of processing and the sustainability aspects.

Introducing new ingredients, new food and technologies will in most cases need some processing or refinement to make them become edible, palatable, safe, and accepted by the consumers. In some cases, it is also necessary to refine, purify and isolate these potential food resources to make them a part of future diet and prevent these resources to become waste. How consumers weigh these factors in their food choices needs a better understanding to prevent food insecurity.

Many of these underutilized resources are impossible to upgrade for food without processing. Although food processing is essential to feed the global population, many consumers have a critical view towards processed food. Lately the term “ultra-processed food” has gotten much attention in the public. This negative association to processed food may be a major barrier in the task to utilize resources better. Without processing, the food supply situation in the world and global food supply foresight would be even more dramatic. This requires more research and maybe regulatory adjustments. This call should also include these aspects and build a better understanding of the interrelationship between consumer acceptance, terminology, resource utilization and health.

Designing healthy and sustainable food with new ingredients also requires nutrition and technology expertise. A new ingredient will act differently in different food systems and matrixes, and interplay with the other constituents. These functional properties also interact. Functional properties can be emulsification, gel formation, water binding, lipid binding but also sensory properties. All these aspects should therefore be considered when designing and developing new products. As an essential part of the food security and dietary change, the food safety aspect should not be compromised.

3. Aim of the call

The main aim of this call is to build knowledge to prepare for and succeed with a dietary shift towards a healthier and more sustainable diet. This demands a system approach. Improved use of resources and designing new foods will be a driving force. The new knowledge will contribute to the preparedness for a future with a higher global food demand on scarce resources. This call deals with several interrelated topics, such as food security, food safety, nutrition, and consumer acceptance. **It will focus on new food ingredients, new food or technologies and their contribution to healthy, sustainable diets. Important aspects to be addressed in this regard are safety, nutritional quality, digestibility, bioeconomic aspects, and consumer acceptance of new ingredients, food and framework conditions.**

Project focus can include research on:

- Ensuring consumer acceptance of new products and more sustainable technologies, i.e., addressing knowledge barriers, enhancing sensory properties of food from new sustainable (protein) sources or functional ingredients (e.g. foods containing bio-actives).
- Investigating new components (e.g. plant-based, marine ingredients, insects, side stream valorisation, biomass, cell cultures etc.) as a source of nutrients and functional food ingredients (e.g. protein, fibre, bio-active compounds etc.).
- Ensuring food safety in the entire food chain focussing on residues, degradation products and (process) contaminants including aspects of sustainable food processing and side-stream valorisation.
- Improving nutritional quality aspects of using new ingredients or new food processing technologies as well as their impact on health.

Proposals should include one or more of the following approaches and methodologies:

- Exploratory research where consumer insight is included (social labs, living labs, etc.).
- Systemic reviews to map and organize current research on the area.
- Building more research and knowledge on the food science aspects.

Beyond the research topics the following points should be taken into account:

- Proposals should show a strong collaboration between partners from different disciplines e.g. food technologists, nutrition scientists, social scientists.
- Proposals should clearly demonstrate the benefit of working together and the unique contribution of each partner.

- Proposals should be consumer oriented, e.g.: by handling consumer perception, acceptance...
- Proposals are encouraged to engage end-users (e.g. consumers, industry) in the research process from conception of the study to dissemination and implementation. The engagement with end-users increases the impact of research and facilitate its later use in public health practice, contributing to the sustainability of the funded initiative.
- Collaboration with industry as a partner (eligible for funding), as collaborator (participating with own budget) or as part of an advisory board is strongly encouraged.
- Proposals should consider potential moderators of effects such as age, sex, gender, ethnic or other demographic factors/variables in the respective research approaches.
- Proposals should be complementary to the Knowledge-Hub SYSTEMIC² co-funded under JPI HDHL, FACCE JPI and JPI OCEANS.

Expected impact of the call

The food system is in rapid transition due to the demands of food security and resource sustainability. The results of this call will contribute to developing more sustainable ingredients through application of resource-efficient food processing technologies. Simultaneously, these approaches will help to preserve or improve the nutritional quality of food ingredients that positively impact human health and will thereby assist in preventing non-communicable diseases linked to the diet. Increasing the knowledge about new alternative food resources will contribute to the future food supply and provide a wider portfolio of healthy and sustainable food products for consumers. This call will also have an impact on the acceptance of the new food products by focusing on a better perception of the advantages, in terms of safety, nutritional quality, and sustainability.

This call will build a knowledge base of new and existing research on the food system and provide a better understanding of the food system and its involved actors. Understanding the possibility area and the barriers in designing new food will ensure a good basis for further and targeted studies. Consumer insights are of particular importance and understanding the possibilities to change dietary habits and implement new food is key for food security. The call is also expected to develop some concepts that will help the research communities and food actors to transform the food system to become more sustainable.

² <https://systemic-hub.eu/coordination/>

More knowledge into this area will also form basis for future policy making in the food security and healthy food area.

4. Participating countries and respective funding organisations

The following participating funding organisations have agreed to fund this call for transnational research projects and their contributions are listed below:

Countries	Funding organisations	Acronym	Contribution (M€)
Austria	Austrian Research Promotion Agency on behalf of Ministry of Education, Science and Research	FFG on behalf of BMBWF	0,5
France	French National Research Agency	ANR	1
Ireland	Department of Agriculture, Food and the Marine	DAFM	0,5
Norway	Research Council of Norway	RCN	0,8
Poland	National Science Centre	NCN	0,5
Romania	Executive Agency for Higher Education, Research, Development and Innovation Funding	UEFISCDI	1

Table 1: participating funding organization.

5. Management of the call

The call will be coordinated by the Joint Call Secretariat (JCS); set up at the Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI, Romania) and at the French National Research Agency (ANR, France). The JCS will act as the primary contact point for interested researchers and research groups for information on general issues of the Joint Action and its technical aspects. For question regarding the national regulations, please contact the national contact person (see Annex).

Two boards, the Call Steering Committee (CSC) and the Scientific Evaluation Committee (SEC), will manage the evaluation and the selection process of the call. The process includes the evaluation procedure of the proposals, the final selection and award of research projects.

The CSC is composed of one single representative from each national/regional funding organisations participating in this call. To avoid potential conflicts of interest, CSC members



are not allowed to either submit any proposal to this call or participate in any submitted proposals. The CSC will supervise the progress of the call and the evaluation of proposals. The CSC will make the final funding recommendation to the national/regional funding organisations based on the final ranking list provided by the SEC. All decisions concerning the call procedures will be taken by the CSC.

The SEC is a panel of internationally recognised scientific experts responsible for the evaluation of submitted proposals. SEC members will not submit or participate in proposals within this call. SEC members must sign a confidentiality form and a statement to confirm that they do not have any conflicts of interest. In addition to the SEC members, external experts chosen for their knowledge in specific fields covered by the proposals and in the absence of conflicts of interest with the proposals might also contribute to the evaluation.

6. Application

6.1 Eligibility

In general, joint research proposals may be submitted by applicants working in universities (or other higher education institutions), in non-university research institutes, in foundations, and as well as in the private sector such as in commercial enterprises, in particular small and medium-size ones (non-exhaustive list).

The eligibility of the afore-mentioned entities, together with the proposal approached and details of eligible costs (personnel, material, consumables, equipment, travel money, etc.) are subject to the administrative and regulatory requirements of individual funding organisations and may therefore vary. Details of the national/regional eligibility criteria from individual funding organisations are provided in Annex.

The funding will be initially granted for 3 years.

Only transnational projects will be funded: each consortium must involve a **minimum of three** partners eligible for funding by the national/regional participating funding organisations and a **maximum of six** partners eligible for funding by the participating funding organisations from **at least three different countries** (see section 4 for a list of participating funding organisations and countries). No more than **two eligible partners from the same country** will be accepted within the same consortium. Each project partner will be represented by a single principal investigator, **who will be the contact person for its relevant funding organisation**. Please note that a principal investigator cannot be involved in more than two proposals submitted to this call (i.e. twice as a partner or once as a coordinator and once as a partner).



Additional participants -called **Collaborators**- may participate in projects if they clearly demonstrate an added scientific value and are able to secure their own funding. Collaborators can be researcher(s) from countries/funding organisations that are not participating in this call or researcher(s) from countries/funding organisations who are participating in this call but do not ask for funding. Collaborators must clearly state in the proposal that funds are secured in advance of the project start.

Please note that the majority of partners in a consortium and the project coordinator must be eligible for funding by the participating funding organisations in this call (see table 1). A maximum of two Collaborators per consortium is allowed and the total number of partners asking for funding and Collaborators within the consortium cannot exceed eight.

Each consortium must nominate a coordinator. The project coordinator will be responsible for the scientific management of the project and for the communication of project results by all consortium partners. A principal investigator must be eligible for funding and cannot coordinate more than one proposal submitted to this call. **The project coordinator will be the main contact between the JCS and the consortium and will represent the consortium externally.**

Please note: Inclusion of non-eligible partners (i.e., a partner applying for funding, who cannot be funded by their national/regional funding organisation according to the regulations outlined in ANNEX) in a proposal may result in the rejection of the entire proposal without further review. **Applicants are therefore strongly recommended to contact their national/regional funding organisation and enquire about their eligibility for funding before the submission of a proposal.**

6.2 Submission of joint proposals

This call uses a single submission procedure (full proposals), including a rebuttal stage.

Proposals must be written in English and must be submitted before **April, 21st 2023 at 15:00 CEST** to the JCS by the project coordinator through the PT-Outline electronic³ submitting system exclusively. The structure and the content of the proposal should strictly follow the “Guidelines for applicants”.

The funding decision will be communicated to all project coordinators in October 2023.

³ <https://ptoutline.eu/app/foodretec>

7. Evaluation and decision

7.1 Eligibility check

The JCS will check the proposals to ensure that they meet the call formal conditions (date of submission; number of participating countries and groups; inclusion of all necessary information in English; compliance with the proposal template). In parallel, the JCS will forward the proposals to the national/regional funding organisations that will check the compliance with their respective regulations. Proposals that do not comply with the formal conditions will be rejected. Proposals fulfilling eligibility rules will be peer reviewed.

7.2. Written review reports, evaluation criteria & scoring system

Each proposal will be allocated to at least three independent SEC members for written review. These evaluations include comments and scoring of the proposals based on the following evaluation criteria:

1. Excellence

- a. Scientific quality of the proposal:
 - Significance of the research question;
 - Clarity of the objectives
 - Credibility and clarity of the proposed approach and methodology (including power calculations, randomisation, blinding and bias)
 - Expected progress beyond the state-of-the-art, innovation potential
 - Competence and experience of participating research partners in the field(s) of the proposal
- b. Novelty of proposed research and innovation(s).

2. Impact

- a. Potential impact of the expected results for future public health (recommendations and guidelines), for other health relevant applications and/or for industry (i.e. product development and optimization of food products).
- b. Added-value of transnational collaboration: sharing of resources (models, databases, etc.), harmonization of data, sharing of specific know-how and/or innovative technologies, etc.
- c. Participation/engagement with consumer, industry (when appropriate/applicable)

- d. Effectiveness of the proposed measures to exploit and disseminate the project results (including management of intellectual property rights), to communicate the project results in a tailored manner to the different audiences (e.g. policy makers, industry, consumers), and to manage research data where relevant

3. Quality and efficiency of the implementation

- a. Feasibility of proposal and likelihood of successful completion of proposed research within the anticipated timeline
- b. Coherence and effectiveness of the work plan (including appropriateness of the allocation of tasks, resources and time-frame)
- c. Complementarity of the participants in the consortium and their experience
- d. Adequacy of the Budget: appropriate distribution of resources in relation to project activities
- e. Appropriateness of the management structures and procedures, including risk, innovation management and ethical considerations.
- f. Sustainability of the research capacities initiated by the project (e.g. FAIR⁴ data management)

Scoring system

5 = Excellent. The proposal successfully addresses all aspects of the criterion in question.

4 = Very good. The proposal addresses the criterion very well, but small improvements are possible.

3 = Good. The proposal addresses the criterion in question well but certain improvements are necessary

2 = Fair. The proposal generally addresses the criterion, but there are significant weaknesses that need corrections.

1 = Poor. The proposal shows serious weaknesses in relation to the criterion in question.

0 = Failure. The proposal fails to address the criterion in question, or cannot be judged because of missing or incomplete information.

Proposals not relevant to the call topic and objectives will not be funded, independently of their scientific quality. Evaluation scores will be awarded for the three main criteria. Each

⁴ FAIR is the abbreviation of: findable, accessible, interoperable and reusable. See infra 11. Data management plan



criterion will be scored out of five. All fundable proposals should reach a minimum of three on each individual criterion. The maximum score that can be reached from all three criteria together is 15 points.

7.3 Rebuttal stage

Prior to the SEC panel meeting, each project coordinator will have the opportunity to answer the comments of the reviewers. Issues that are not related with reviewers' comments cannot be addressed and the work plan cannot be modified at this stage. (Please note that the reviewers will remain anonymous).

The applicants will have up to 10 days (**between June 26th and July 6th 2023**) for this **optional** answer to the reviewers' comments.

7.4 SEC meeting

The SEC will meet to discuss each proposal and, after consideration of the evaluation criteria, written reviews, rebuttals and their own discussions, the SEC will make a funding recommendation of the proposals and rank proposals recommended for funding. The final summary review report prepared by the SEC members will be send to each project coordinator.

7.5 Decision

A final decision, based on the ranking list established by the SEC and on the available funding, will be taken by the national/regional funding organisations.

Project coordinators having submitted an eligible proposal will be informed about the funding recommendation regarding their proposal by the JCS. They are responsible to communicate this information to their project partners. After a positive funding recommendation, project partners must directly contact their respective national/regional funder in order to start contract negotiations and accomplish the remaining steps until the research project can start.

8. Financial and legal issues

8.1 Funding model

The funding partners listed in section 4 have agreed to launch a joint call using the virtual common pot mode. This means that, within a project consortium, participating funding organisations will fund partners eligible to their funding exclusively, according to their respective regulations

8.2 Financial modalities

Projects will be initially funded for a period of three years. Project partners will be funded by their relevant national/regional funding organisations according to their respective rules and regulations

The eligibility of costs (e.g., personnel, material, consumables, equipment, and travel expenses) is subject to the national regulations of individual funding organisations and may therefore vary. Each project partner is responsible for providing financial reports to its national/regional funding organisation. Prior to submitting a proposal, applicants should verify their eligibility and financial support and are strongly advised to contact their national/regional contact person (see Annex for national/regional contact details).

In order to minimise the variability in the project starting dates between partners of one consortium, the project coordinator will be requested to seek a common starting date for all the partners of the consortium. Each project partner will then be in charge of communicating the common starting date to its respective funding organisation. The goal should be to start the consortia of one call as closely as possible. Once an award has begun, every effort should be made to ensure the work is delivered to the original timetable. An extension to an award (even if no additional funding is sought) cannot be relied upon and will depend on the decision of each national funding organisation and its regional/national grant rules.

8.3 Legal modalities

Consortium agreement.

Ownership and transfer of newly developed intellectual property, as well as access to existing intellectual property are a core part of project success and contribution to society and therefore, should be properly managed from the beginning of the project. Any particular protection and exploitation strategy should be agreed upon before the research activities start, and arrangements need to comply with the relevant national and/or European legislation (please refer to ANNEX for national requirements).

Successful consortia must negotiate and sign a consortium agreement within the 6 first months from the start of the project. The consortium agreement will specify at least the following issues: decision-making, monitoring, reporting, intellectual property rights, open access and sharing data/knowledge and (financial) resources. The exact content of the project consortium agreement will vary according to the nature and scope of the specific project. It is therefore recommended that each project partner thoroughly assess the content of the consortium agreement. Further guidance and model consortium agreements can be found at the [IPR](#)



(Intellectual Property Rights) and [DESCA](#) (Development of a Simplified Consortium Agreement) websites. There is a shared responsibility between all project partners of the consortium for progress of the project.

Upon request, this consortium agreement must be made available to the concerned funding organisations.

9 Responsibilities and reporting requirements

9.1 Progress report

The project coordinator is required to submit a mid-term scientific progress report on behalf of the project consortium to the JCS detailing how the project is progressing in relation to planned objectives. Furthermore, a final scientific report must be sent to the JCS within a period of three months after the project ends. National/regional funding organisations may also request annual progress reports and a final report on the project from the different project partners from their respective country.

In addition, project coordinators may be asked to present two progress updates, one intermediate and one final status symposium. Project partners may also be asked to participate in the final status symposium. Travel costs associated with the symposium may be requested within the application, based on the specific funding regulations of the various participating funding organisations

9.2 Communication

The project coordinator represents the consortium externally and is responsible for all communication with the JPI HDHL. For the effective contribution of the project to the objectives of the JPI HDHL, the project coordinator should be available to participate in meetings with the aim to:

- Exchange project results within the network of funded projects by the FOODRETEC call and with other funded networks by the JPI HDHL.
- Develop a joint strategy to coordinate and facilitate integration of the planned activities of the JPI HDHL.

9.3 Utilisation of knowledge

The JPI HDHL supports an open access policy. Therefore, funded researchers should provide an open access publication of their results. Due consideration should be given to consistency



with similar policies that are already in place at national and European level. Further details are laid down in the [“Quick guide for dissemination of the JPI HDHL research project results”](#) Researchers funded under the umbrella of JPI HDHL are requested to adhere to these JPI HDHL guidelines.

Funding recipients must ensure that all outcomes (publications, etc.) of transnational JPI HDHL projects include a proper acknowledgement of JPI HDHL and the respective funding partner organisations. National/regional funding organisations may request additional statements regarding the national/regional funding. In addition, it should include the following text:

“This project received funding from [name of funding organisations, or an acknowledgment as requested by your national/regional funding organisations] under the umbrella of the European Joint Programming Initiative “A Healthy Diet for a Healthy Life” (JPI HDHL)”

10 Ethical issues

Research supported by JPI HDHL must respect fundamental ethical principles. Applicants have to describe any potential ethical aspects of the work to be carried out, and how the project will fulfil applicable requirements in institutional, national and European Union legislation (including the ethical standards and guidelines of Horizon Europe). It is the responsibility of the applicants to identify if their proposed research requires ethical approval to be obtained from the relevant national or local ethics committee prior to the start of the projects.

11 Data Management Plan

JPI HDHL adopted the FAIR data Principles and agreed that all new funded research by the JPI HDHL should apply these principles. Thus, researchers applying to the FOODRETEC call must complete a short data management strategy in their application (mandatory for all applicants).

Information on FAIR data and data management

JPI HDHL drafted a FAIR Data Guideline to support researchers, which includes a template for a full data management plan. Funded research projects will be asked to submit a full data management plan using this template⁵. In addition, an updated version of the data management plan has to be submitted to the JCS together with the progress report.

⁵ https://www.healthydietforhealthylife.eu/images/documents/FAIR_Data_Guideline.pdf

More information about FAIR data Principles:

- [EOSC declaration](#) (European Open Science Cloud declaration)
- [FORCE11](#)
- [Fair data principles](#)

12 Confidentiality

The JCS takes all reasonable steps to ensure that information provided in the application is treated as confidential.

The proposals will be handled confidentially by the JCS, by the national/regional Funding Organisations and the experts responsible for the evaluation of the proposals. In selecting the international experts for the SEC, the JCS shall also endeavour to avoid any possible conflicts of interest.

Each expert will have to sign a declaration of confidentiality and absence of conflict of interest. The online evaluation tool will include a feature which will prevent access to the proposal in case a conflict of interest is declared by the expert.

13 General Data Protection Regulation

The following Data Privacy Notice applies:

By submitting an application, the European applicants consent to the use, processing and retention of their personal data, in accordance with article 6.1 (e) and (c) of the General Data Protection Regulation (GDPR) (2016/679) and Norwegian applicants with the national GPDR.

The consent applies for the purposes of:

- processing and evaluating the application where processing shall be lawful only if and to the extent that processing is necessary for the performance of a task carried out in the public interest or in the exercise of official authority vested in the controller;
- administering any subsequent funding award;
- managing the Funding Organisations relationship with them;
- analysing and evaluating the call;
- providing aggregate data to national and European surveys and analyses on the funded projects;
- and complying with audits that may be initiated by the Funding Organisations and the European Commission (or its agencies).

The members of the FOODRETEC CSC may share applicant's data with third parties (some of which may be based outside the European Economic Area) in relation to the above activities including evaluators, auditors and the European Commission (or its agencies).

The members of the FOODRETEC CSC may link the data that applicants provide in the application with national, bibliographic or external research funding data which is available through public subscription-based databases (e.g. Scopus, Web of Science, etc.) or other national / open datasets.

14 Time schedule

When	What
February, 21 st 2023	Publication of the call
April, 21st 2023, 15h00 CEST	Proposal Submission deadline
June, 26 th 2023	Reviews sent to the applicants for rebuttal
July, 6th 2023, 15h00 CEST	Rebuttal Deadline
September 2023	SEC & CSC meeting
October 2023	Announcement of the results
End of 2023	Start of national administrative procedures between partners and funding organisations
December 2023 until the May 2024	Project Starting

ANNEX: Regulations and contact information for the national/regional funding organisations participating in the FOODRETEC Call.

Country	Austria
Funding organisation	Austrian Research Promotion Agency (FFG) on behalf of the Austrian Federal Ministry of Education, Science and Research (BMBWF)
National contact person	Susanne Meissner-Dragosits Austrian Research Promotion Agency (FFG) susanne.dragosits@ffg.at +43 0664 88641809 +43 57755 4406
Funding commitment	EUR 500.000,-
Anticipated number of fundable proposals	2-3
Maximum/ Minimum funding per grant awarded to a project partner	FFG will fund up to EUR 250.000,- per project (for all Austrian partners) Minimum funding grant per project: EUR 60.000,-
Eligibility of partners	<p>Research organisations from Austria (non-commercial activities):</p> <ul style="list-style-type: none"> ○ universities ○ universities for applied sciences (Fachhochschulen) ○ non-university research institutes/organisations <p>All other organisations and stakeholders from Austria may participate as collaborators and do not receive funding.</p> <p>All details like organisations being eligible for funding or funding rates are listed in the FFG Funding Instrument Guidelines available on the FFG Call website: https://www.ffg.at/europa/ausschreibungen/hdhl_call2023_foodretec</p> <p>The following FFG Funding Instrument is available for applicants from Austria:</p> <ul style="list-style-type: none"> ○ Transnational Projects of Oriented Basic Research (Projekte der orientierten Grundlagenforschung -Transnationale Ausschreibungen) <p>In addition to the provisions in the FFG Funding Instrument Guidelines the following applies to this call: Only legal entities, based in Austria, are eligible for funding.</p>
Eligibility of costs, types and their caps	<p>Eligible costs</p> <ul style="list-style-type: none"> ○ Personnel costs ○ Use of R&D infrastructure ○ Costs of materials and supplies ○ Travel costs ○ Subcontracting <p>Overheads are 25% of eligible costs (except subcontracting costs).</p> <p>The national rules on eligible costs for Austrian applicants can be found here: Kostenleitfaden Version 2.2</p>

	<p>https://www.ffg.at/recht-finanzen/kostenleitfaden/version-22</p> <p>Deviating from the „Kostenleitfaden Version 2.2“ the following rules apply to this Call:</p> <ul style="list-style-type: none"> ○ <i>Für Personalkosten, die überwiegend aus Bundesmitteln gefördert werden, sind Kosten nur bis zu jener Höhe anerkennbar, die entweder dem Gehaltsschema des Bundes entsprechen oder auf entsprechenden gesetzlichen, kollektivvertraglichen bzw. in darauf basierenden branchenüblichen Betriebsvereinbarungen festgelegten Bestimmungen beruhen.</i> ○ <i>Bei der Vergabe von Aufträgen für Lieferungen und Leistungen sind unbeschadet der Bestimmungen des Bundesvergabegesetzes 2018 (BVerG 2018), BGBl. I Nr. 65/2018, zu Vergleichszwecken ab einem Auftragswert von 20.000,- Euro nachweislich mehrere Angebote einzuholen.</i>
<p>Submission of the proposal at the national level</p>	<ul style="list-style-type: none"> ○ In addition to the submission of the transnational proposal by the coordinator via the PT-Outline electronic submitting system, all Austrian applicants are obligated to submit a national proposal via the FFG eCall (http://ecall.ffg.at). <p>For detailed information please consult the FFG Call website: https://www.ffg.at/europa/ausschreibungen/hdhl_call2023_foodretec</p> <ul style="list-style-type: none"> ▪ The national call closes on 25.04.2023, 12:00 CEST (four days after closure of the transnational call). <ul style="list-style-type: none"> ○ After the deadline, FFG will conduct a formal eligibility check of all Austrian project proposals. The “Checklist for the national eligibility check“ can be found at the FFG Call website: https://www.ffg.at/europa/ausschreibungen/hdhl_call2023_foodretec ○ Failing to comply with the detailed requirements of the eCall application procedure, the abovementioned deadline and/or the eligibility criteria will result in the formal rejection of the national proposal! ○ The national proposals will not be scientifically evaluated separately.
<p>Submission of other information at the national level</p>	<p>For detailed information please consult the FFG Call website: https://www.ffg.at/europa/ausschreibungen/hdhl_call2023_foodretec</p>
<p>Submission of financial and scientific reports at the national level</p>	<p>All details concerning intermediate and final reports (scientific and financial) are listed in the FFG Funding Instrument Guidelines available on the FFG Call website: https://www.ffg.at/europa/ausschreibungen/hdhl_call2023_foodretec</p>
<p>Further guidance</p>	<ul style="list-style-type: none"> ○ The legal basis for the national call: „Sonderrichtlinie MissionERA des Bundesministeriums für Bildung, Wissenschaft und Forschung (GZ.: BMBWF-2022-0.170.869) mit Geltung ab 1.3.2022“ ○ The final funding decision for the Austrian projects will be taken by the Federal Minister of Education, Science and Research.

- The project duration is 36 Months.
- Privacy Policy FFG: <https://www.ffg.at/en/privacy-policy>
- **Applicants from Austria are strongly advised to**
 - contact their National Contact Point (Susanne Meissner-Dragosits)
 - consult the FFG Call website:
https://www.ffg.at/europa/ausschreibungen/hdhl_call2023_foodretec
before starting to prepare proposals for application.

Country	France
Funding organisation	French National Research Agency (ANR)
National contact person	<p>Dr. Martine Batoux</p> <p>Phone number : +33 1 73 54 81 40</p> <p>E-mail: JPI-HDHLCalls@agencerecherche.fr</p> <p>Agence Nationale de la Recherche (ANR)</p> <p>86 rue Regnault, 75013 Paris</p> <p>France</p>
Funding commitment	1 M€
Anticipated number of fundable proposals	3-4
Maximum/ Minimum funding per grant awarded to a project partner	<p>Minimum amount per partner: 15 k€.</p> <p>Maximum funding per partner: 250 k€</p> <p>Maximum funding if a French project partner is taking the responsibility to coordinate the project: 300K€</p> <p>In case of two French partners in the same proposal, the maximum amount per project is 400 000 €.</p>
Eligibility of partners	<p>ANR may finance fundamental research, industrial research and experimental developments. Funded Partners must have their primary establishment in France and/or in the EU with a secondary establishment in France.</p> <p>Within this framework, research institutions such as EPST, EPIC, Universities, Hospitals as well as most Foundations, Associations and Enterprises can apply. Entities leading research are entitled to apply (eg: EPST, EPIC, Universities, Hospitals as well as most Foundations, Associations and Enterprises...). This list is not comprehensive and funding rates vary. Please fill the form related to economical activities to identify your funding rate and consult the ANR Funding regulations for more details:</p> <p>http://www.agence-nationale-recherche.fr/RF</p> <p>Please note that companies with economic difficulties are excluded from ANR subventions.</p> <p>Countries subject to sanctions applicable to the research field by the European Union authorities are excluded from this call. Projects involving Partners established in these countries will be declared ineligible by the ANR. At the date of publication, these exclusions concern partners from the following countries Russia, Belarus. This list may evolve in case of new sanctions decided by the European Union.</p>
Eligibility of costs, types and their caps	<p>Standard ANR funding rules apply for eligible costs, unless stated otherwise in the Annex « Modalités pour les partenaires sollicitant une aide de l'ANR ». These rules are specified in ANR's "ANR Funding regulations" along with the</p>

	<p>an explanatory note available at: https://anr.fr/fileadmin/documents/2017/ANR-RF-Fiche-COUTS.pdf</p> <p>Eligible costs (e.g.: personnel costs, costs of instruments and equipment, additional overheads and other operating expenses incurred directly as a result of the research project such as, for instance: travel costs) and funding rates vary based on the type of research and research partner. Please note that expenses related to permanent staff stipends are not eligible for the Beneficiaries “à coût marginal”.</p>
<p>Submission of the proposal at the national level</p>	<p>No additional documents should be submitted to ANR during the submission phase</p>
<p>Submission of other information at the national level</p>	<p>When a project is selected for funding, administrative and financial data of the partners funded by ANR must be entered by the applicant on the ANR platform.</p>
<p>Submission of financial and scientific reports at the national level</p>	<p>The ANR funded partners must communicate to ANR the required Scientific reports, Consortium Agreement, Data management plans according to the funding contract and as required to the project coordinator by ERA4Health. Financial reports must be communicated to ANR according to the provisions of ANR Funding regulations. If applicable, Declarations of Due Diligence for the financed projects (Nagoya Protocol) must also be transmitted to ANR in due time.</p>
<p>Further guidance</p>	<p>ANR does not allow double application nor double funding and will not finance projects or part of projects that have been funded through other calls.</p> <p>See Annex « Modalités pour les partenaires sollicitant une aide de l'ANR » for additional ANR rules at https://anr.fr/fileadmin/aap-ERA4Health-HealthEquitye-2023-annexe-fr.pdf</p> <p>The above-mentioned terms and conditions are only summarized translations of those entailed in the ANR Funding regulations and in the Annex. In case of inconsistencies, the terms of the ANR Funding regulations and the Annex shall prevail. Please consult these documents for more details: https://anr.fr/fr/detail/call/nouvelles-ressources-et-technologies-alimentaires-pour-ameliorer-la-sante-publique-et-la-securite-al/</p>

Country	Ireland
Funding organisation	<i>Department of Agriculture, Food and the Marine.</i>
National contact person	Helen Murphy, Research & Codex Division, DAFM, Kildare Street, Dublin 2 0035316072351 Helen.murphy@agriculture.gov.ie
Funding commitment	500,000 Euros
Anticipated number of fundable proposals	(1-2 proposals)
Maximum funding per grant awarded to a project partner	250,000
Eligibility of project duration	Up to 3 years
Eligibility of a partners	Eligible Research Performing Organisations must be registered with DAFM at the time of the opening of the Call. A project partner should be either a permanent member of staff or an experienced researcher with a PhD qualification contracted to work with the Research Performing Organisations over the full duration of the project.
Eligibility of costs, types and their caps	DAFM funding rules to apply. Costs typically covered allow for the cost of temporary staff specifically hired to carry out work on the project including postgraduate students, postdoctoral researchers/contract researchers, research assistants and research technicians. Salary costs should start at the minimum point of the scale and allow for annual salary point increases as well as employers PRSI contribution (at 11.05%) and an employer's pension contribution charge of 20% of gross per annum, if applicable. Other costs allowed include direct running costs such as consumables required for the carrying-out of the project, small equipment costs, travel & subsistence for personnel engaged in undertaking the project. The travel and subsistence must be directly related to the project. Some other

	<p>costs may be allowed e.g. software licences, warranties, specialised training course fees, external assistance etc.), the justification for those costs and their necessity to the project should be supplied. Overheads up to a maximum of 30% of direct costs may also apply. (Overheads of up to 25% apply on desk based studies).</p>
<p>Submission of the proposal at the national level</p>	<p>No documents should be submitted to DAFM during the submission phase.</p>
<p>Submission of other information at the national level</p>	<p>If a project is selected for funding, Irish partner(s) will have to provide relevant background details and information on the scientific details of tasks, milestones and deliverables as well as administrative and financial data related to the Irish funded component of the study. This information will need to be submitted via DAFM's Online Research Portal.</p>
<p>Submission of financial and scientific reports at the national level</p>	<p>An initial project progress report will be required detailing progress made with recruitment, tasks and indicative expenditure by the Irish Institution(s) within the first six months of the start date.</p> <p>Annual financial and scientific project progress reports will need to be submitted by the Irish project partner(s) for each year of the project. Their purpose is to assist the Department in determining whether or not the Irish component of the project is on schedule, is being carried out in accordance with the approved proposal and that the budget is being spent appropriately.</p> <p>A final report is to provide a summary relating to all aspects of the research project funded by DAFM. A percentage of the grant award will be withheld until it is submitted and deemed satisfactory.</p> <p>Requests for report and submission of reports will be through DAFM's Online Research Portal.</p>
<p>Further guidance</p>	<p>Further guidance will be made available on DAFM's website: https://www.gov.ie/en/publication/bde7d-research/</p>

Country	Norway
Funding organisation	Research Council of Norway (RCN)
National contact person	Mona Gravningen Rygh, mgr@rcn.no
Funding commitment	0,8 M€ with Euro exchange rate at the time of application
Anticipated number of fundable proposals	2–4
Maximum/ Minimum funding per grant awarded to a project partner	Maximum funding for coordinators: 250 000 € Maximum funding per partner: 200 000 €
Eligibility of partners	<p>Applications will be accepted from Norwegian research institutions (University, University college, Research institute or other institution at which research constitutes an important activity). Trade and industry may participate as partners or collaborators.</p> <p>The RCN funding to companies comprises state aid. Companies are entities that offer their products and/or services in the marketplace. If the company is to receive support to cover any of its project costs, this must be in compliance with the Block Exemption Regulation art. 25 (Commission Regulation (EU) nr. 651/2014).</p>
Eligibility of costs, types and their caps	<p>Personnel costs, running costs and dissemination costs.</p> <p>Note: Equipment is <u>not</u> eligible.</p>
Submission of the proposal at the national level	Norwegian research institutions that will be participants in a final project will have to submit an application to the Research Council of Norway.
Submission of other information at the national level	Will be included in the national application and registration process.
Submission of financial and scientific reports at the national level	Annually
Further guidance	The Norwegian funding will be provided by BEDREHELSE, HAVBRUK and BIONÆR in RCN.

Country	Poland
Funding organisation	National Science Centre (NCN)
National contact person	Alicja Dyląg, alicja.dylag@ncn.gov.pl , +48 532 086 494 Dr Anna Fiust, anna.fiust@ncn.gov.pl
Funding commitment	0,5 M EUR
Anticipated number of fundable proposals	2-3
Maximum/Minimum funding per grant awarded to a project partner	N/A The minimum/maximum budget of the Polish research team is not pre-determined. The project budget must be based on realistic calculations and must comply with the guidelines provided in the Costs in research projects funded by the National Science Centre under international calls carried out as multilateral collaboration UNISONO .
Eligibility of partners	Proposals in the call may be submitted by the following entities specified in the Act on the National Science Centre (NCN) If research projects are to be carried out by two or more Polish entities applying for NCN funding, they must set up a group of entities (see item 8 above) and as such submit NCN proposals. An NCN proposal is submitted by a leader specified in the research project cooperation agreement concluded by the group of entities. An entity employing the principal investigator acts as the leader of the group of entities. Please note: <u>Polish researchers may apply for NCN funding of their basic research projects only.</u>
Eligibility of costs, types and their caps	Applicants can apply for funding for all costs relevant, necessary and directly related to the proposed research project including: 1. Personnel costs (salaries): <ul style="list-style-type: none"> • full time remuneration: funds for full-time employment of the Principal Investigator or post-doc(s); Please note that, if the Principal Investigator is also the coordinator of an international consortium submitting a joint proposal a full-time remuneration of PI can be increased. • additional remuneration for members of the research team; Please note that if the principal investigator is also the coordinator of an international consortium submitting a joint proposal a budget for additional remuneration can be increased. • salaries and scholarships for students and PhD students. Please note that: if the Principal Investigator is also the coordinator of an international consortium submitting a joint proposal the budget for salaries and scholarships for students and PhD students can be increased.

	<p>2. Purchase or manufacturing of research equipment, devices and software (the cost of an individual item of equipment must not exceed PLN 500 000);</p> <p>3. Other costs such as:</p> <ul style="list-style-type: none"> • Purchase of materials and small equipment; • Outsourcing (costs of services rendered by third parties); • Business trips (travel and subsistence costs); • Visits and consultations; • Compensation for collective investigators; • Other costs crucial to the research project which comply with the Annex to NCN Council's Resolution on awarding funding for research tasks funded or co-funded under international calls launched by the National Science Centre and carried out as multilateral collaboration UNISONO. <p>EURO exchange rate: 1 EUR = 4,6976 PLN</p>
<p>Submission of the proposal at the national level</p>	<p>Up to 7 days from the proposal submission deadline Polish applicants must submit their national applications in the OSF submission system.</p> <p>The application will include a budget that should be calculated according to the Annex to NCN Council's Resolution on awarding funding for research tasks funded or co-funded under international calls launched by the National Science Centre and carried out as multilateral collaboration UNISONO.</p>
<p>Submission of other information at the national level</p>	<p>N/A</p>
<p>Submission of financial and scientific reports at the national level</p>	<p>Polish funded partners are obliged to submit to the NCN the yearly reports and the final report on the implementation of a research project, in accordance with the provisions of the national funding contract.</p>
<p>Further guidance</p>	<p>Other applicable documents:</p> <ul style="list-style-type: none"> • Open Access Policy at the NCN; • Guidelines for applicants to complete the ethics issues form in the research project • Data Management Plan requirements; • Personal Data Processing at the NCN.

Country	Romania
Funding organisation	Executive Agency for Higher Education, Research, Development and Innovation Funding (UEFISCDI)
National contact person	Domnica Cotet, domnica.cotet@uefiscdi.ro Andreea Popa, andreea.popa@uefiscdi.ro
Funding commitment	1.000.000 euro
Anticipated number of fundable proposals	2-3
Maximum/ Minimum funding per grant awarded to a project partner	The maximum funding for one project from the public budget is 250,000€ if Romania is the coordinator of the transnational project; The maximum funding for one project from the public budget is 200,000€ if Romania is partner in the transnational project.
Eligibility of partners	Legal entities established in Romania are eligible to get funding, i.e. public and private accredited universities, national R&D institutes, other research organizations, SMEs, large industrial enterprises with R&D activity within their domains. We can fund only Romanian research teams. For universities, public institutions, R&D national institutions funding is 100%, and for SMEs and Large companies, financing is under the permit NASR Decision no 9281/8.13.2015 approving the scheme of State aid for Program 3: European and international cooperation. The Romanian partners must proof with documents that they have the research-development activities in their registration certificate of the institution
Eligibility of costs, types and their caps	The following categories of expenses are eligible: A. Staff costs (researchers, technicians and support staff, including all corresponding state and social contributions; these contributions are subject to national regulations in force); B. Consumables (materials, supplies or similar); C. Equipments (in full compliance with state aid regulations), no more than 30% of the total funding from the public budget; D. Subcontracting (max. 25% of the total funding from the publicbudget); E. Travel expenses (in Romania or abroad, only for project teams' members); F. Overheads (calculated as a percentage of direct costs: staff costs, travel expenses and logistics costs - excluding capital costs). Indirect costs will not exceed 20% of direct costs, excluding subcontracting. Expenses are eligible if incurred after signature of the contract. To EU countries: no To Non-EU countries: no

	Subcontracting special tasks (i.e. IT services, etc): Yes, expenditure on services performed by third parties cannot exceed 25 % of the funding from the public budget. The subcontracted parts should not be core/substantial parts of the project work.
Submission of the proposal at the national level	No official paperwork and/or supporting information are requested by UEFISCDI before the submission deadline.
Submission of other information at the national level	
Submission of financial and scientific reports at the national level	After the proposal is approved all details concerning intermediate and final reports (scientific and financial) are listed here .* *The information will be updated once the National Plan for R&DI – PNCDI will be approved.
Further guidance	National rules available here .* *The information will be updated once the National Plan for R&DI – PNCDI will be approved.