

EDP2WG3P2 Sustained and Integrated Promotion of Local, Traditional Fermented Food Systems from authentic microbial cultures

Disclaimer – this fiche provides some indications as to which funds could be relevant to ideas identified during the Entrepreneurial Discovery Process in the regions of Eastern Macedonia and Thrace, beyond those provided by the ROP. It is provided to stimulate further the development of the idea. However, it must be intended as exploratory and non-exhaustive.

Title	EDP2WG3P2 Sustained and Integrated Promotion of Local, Traditional Fermented Food Systems from authentic microbial cultures
Short Description	<p>The idea refers to the isolation and identification of the microbial strains from local traditional milk products. It is also refers to probiotic properties standards testing, testing for research activation of cytochromes, as well as antibiotic resistance testing.</p> <p>Main expected outcomes are:</p> <ul style="list-style-type: none"> • Experimental application in food products and evaluation of their characteristic organoleptic properties; • Set up of a Laboratory Bank of wild isolated strains; • Application for international patents and commercialisation of the final outputs/products.
PDL2 Participants	<p>The Dairy/Meat participatory session attracted six people, of which four were researchers (DUTH & TEIEMTh) and two from the enterprise sector. Four of them (the researchers) had previous exposure to Framework Programme projects as participants, and one of them had also experience in proposal writing for FP projects.</p>
Under which TOs of the ROP does this project fall?	<p>According to the rationale provided during PDL2, this project idea describes a new family of dairy products that is very close to market. Therefore, in principle, it falls under TO 3d (specific objective 5 “Improve efficiency and productivity of SMEs”), in the sense of exploiting off-the-shelf technology for new product development.</p>
Knowledge and actors required	<p>At least the following actors would need to be involved:</p> <ul style="list-style-type: none"> - Research Institutes, Universities; - Local small and medium scale producers (animal breeders) & manufacturers of dairy products; - Public Bodies – Regional Administration of Agriculture and other similar bodies.
How can ICT, as a key enabling technology, enhance this	<p>ICT and data management/processing support for animal and animal feeding genomics and predictive analytics</p>

<i>idea</i>	
International dimension	<p>The project idea, at this stage is described focusing mainly on local competences and funds.</p> <p>Placing the idea in the broader international landscape by networking with stakeholders that faced similar challenges and exploring potential opportunities may prove useful.</p> <p>It is suggested that the proponents of this idea get in touch with the European Agriculture Innovation Partnership (EIP-AGRI) for support in identification of partners and funds and for participation in key networking activities.</p>
Which specific parts of the idea could be funded under H2020?	<p>The participants agree that this idea is a project that would apply existing knowledge in the region to a market context that is trendy right now. The end product is very close to the market, and therefore the relevance of this idea with H2020 is minimal.</p> <p>Nevertheless, should the idea develop in such a way as to introduce significant innovation, the following H2020 streams should be explored:</p> <ul style="list-style-type: none"> • SME instrument, which supports close-to-market activities, with the aim to give a strong boost to breakthrough innovation. A relevant call would be: SMEInst-07-2016-2017: Stimulating the innovation potential of SMEs for sustainable and competitive agriculture, forestry, agri-food and bio-based sectors • Fast Track Innovation, which also promotes close-to-market activities • Calls under the societal challenge "Food security, sustainable agriculture and forestry, marine and maritime and inland water research, and the Bioeconomy" could also prove relevant. <p>Examples of FP7 projects include:</p> <ul style="list-style-type: none"> • BIAMFOOD - Controlling Biogenic Amines in Traditional Food Fermentations in Regional Europe
Which other EU sources of funding could be relevant? For which elements of the project?	<p>COSME - could help in supporting access to finance, access to market and entrepreneurship training, depending on what is most required for the implementation of this project idea. COSME for instance also funds Enterprise Europe Network, which helps SMEs find business and technology partners all around Europe, and understand EU legislation, two things that might be of key importance for implementing this idea.</p> <p>The European Investment Fund (EIF) could also provide a variety of financial instruments to support innovative SMEs.</p>
Which other national sources of funding could be relevant? For	<p>The OP Competitiveness, Entrepreneurship and Innovation can also support the implementation of this project through TO 3c (Specific Objective 1.4 """) if the applicants are established dairy manufacturers with adequate research and quality control capabilities.</p>

<p>which element of the project?</p>	<p>Smaller dairy manufacturers that have not adequate research and quality control capabilities would have to collaborate with some R&D performers for improving their capacity to apply the technological part of the project idea for new product development and get funding for doing so by OP Rural Development through Measure 16 “Collaborative Actions” /Submeasures 16.2 “Pilot Projects for the development of new products, practices, processes and technologies” and/or 16.3. “Co-operation among small enterprises to develop joint work practices and joint use of facilities and resources”</p>
<p>Which other transnational sources of funding could be relevant? For which element of the project?</p>	<p>The Cooperation programmes covering Greece-Bulgaria and the Balkan-Mediterranean may all provide relevant resources under its TO3 Enhancing the competitiveness of small and medium-sized enterprises, the agricultural sector (for the EAFRD) and the fisheries and aquaculture sector (for the EMFF). Under this TO there are actions in support of entrepreneurship and the exploitation of new ideas, as well as supporting SMEs to grow and engage in innovation.</p>
<p>Which other regional sources of funding could be relevant? For which element of the project?</p>	<p>None</p>
<p>Key barriers for the development of the idea</p>	<p>As reported during the EDP workshop on meat and dairy, there is an obstacle regarding national legal framework regarding the production of ripening dairy goods from raw milk. It is expected to change because of the pressure of the cheese producers. Human resources that are needed include HEI researchers with skills to the relevant fields and disciplines, local animal breeders, industrials and producers. Education to final beneficiaries (breeders and dairy producers) is essential for the necessary changes of the production methods and finally financing of the project would supplement public spending on the implementation of the actions needed.</p>
<p>Steps forward</p>	<p>In terms of ERDF, the project idea is eligible for funding in the regional cases mentioned above. Interested stakeholders will need to wait and prepare for the relevant calls and apply accordingly.</p> <p>However, as we are speaking of an idea which is fairly close to the market, it is critical that the business dimension of the project be further developed, paying particular attention to the possibilities offered by international SMEs network and the funding opportunities in support of SMEs internationalization (including transnational ones).</p> <p>In this respect, it appears relevant to explore synergies with projects</p>

	<p>related to the valorization of local tourism and gastronomic products, especially those explored in fiche EDP1WG4P2 - Wine gastronomy - cultural tourism.</p> <p>Furthermore, it appears valuable to better reflect on the potential international dimension that this project could have, as well as explore the potential innovation activities linked to it.</p>
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