**Eatex Food Innovation Hub**
Polígono Industrial Mocholi
Plaza Cein 5, Naves B5 Y B7
31110 Noáin (Navarra)
eatexfoodinnovationhub.com

# Pre-Application form: Program for innovation and technology transfer

**1-CONTACT DATA**:

| | |
|---|---|
| Company name | |
| Size of company (large, SME, start-up) | |
| Indicate the main business (soups, confectionery, meat products etc) | |
| Company website | |
| Country | |
| Name of the contact person | |
| Responsibility | |
| Email | |
| Phone | |
| Address | |

**2-TOPICS**: out of the following working areas, indicate which you are applying for. See Appendix 1 for details on each work area.

| **Working areas** | |
|---|---|
| Boost agriculture & farming of the future | |
| New ingredients and production models | |
| New food and beverages for a healthy diet | |
| Industry 4.0 Implementation & hyperconnected processes | |
| Innovation applied to food packaging and preservation systems | |
| Circularity and assessment of the use of waste and sub-products | |

**3_A-DESCRIPTION OF THE CHALLENGE TO BE SOLVED:** Brief **description** of the concrete business challenge your company is facing that will be potentially overcome in collaboration with an R&D center. (e.g. Upcycling of food waste as a source of highly nutritional compounds; e.g. Development of a new product based on an emerging technology (no more than 150 words).



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**3_B-_DESCRIPTION OF THE EXPECTED SOLUTION:** What is the innovative and technologic solution identified to overcome above challenge? Brief description of the required resources to develop such a solution (equipment, potential investments, expenses) (no more than 150 words)

**3_C- EXPECTED COMPETITIVE ADVANTAGE OUT OF THE SOLUTION IMPLEMENTATION:** brief description of the expected competitive advantage out of the technological solution implementation and the percentage of your portfolio (product, service…) impacted by this project. (no more than 150 words)



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**3_D- IMPACT**: How would you describe and quantify the impact of the development and successful technological transfer of the solution in your business activity?

| **BUSINESS IMPACT** | |
|---|---|
| This project generates | |
| Sales increase | |
| Marginal contribution increase | |
| Others | |
| Provide details of the impact and projected growth as additional sales within 3 years (% over current sales, value (€) or volume (t), job creation) | |
| | |
| **TECHNICAL IMPACT** | |
| This project generates | |
| Launch of a new product/range in the category (not currently on the market) | |
| Creation an additional product/range/service in the current portfolio | |
| Extension of an existing range. | |
| Improvement of an existing product or current service | |
| Implementation of a novel technology | |
| Optimization of an existing process (losses and unexpected stoppages reduction; data acquisition and treatment; reduction of rejections and/or complaints) | |
| Energy efficiency (reduced consumption of electricity, consumption of renewable / non-renewable gas, etc.) | |
| Simplification: reduction of consumables, simplification of the process. | |
| Improved workplace safety | |



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| | |
|---|---|
| Others | |
| Describe the impact within 3 years (% reduction of production cost, fixed cost reduction, etc.) | |
| | |
| **SUSTAINABILITY** | |
| This project generates | |
| Energy efficiency (reduced consumption of electricity, consumption of renewable / non-renewable gas, etc.) | |
| Efficient use of water (water, mmpp, ...) | |
| Value-up waste, upcycling | |
| Others: | |
| Describe the environmental impact within 3 years. (e.g. % of waste reduction, expected reduction of carbon footprint, etc.) | |
| | |



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## 4- COLLABORATING WITH R&D CENTERS

Do you have prior experience in developing collaborative technology transfer projects with R&D centers from the Navarra SINAI environment?

☐ YES ☐ NO

Have you already identified a SINAI R&D center to work with on your challenge? If so, please tell us which one.

| Agent | Category | R&D Center | Tick the selected R&D Center |
|---|---|---|---|
| SINAI-017 | Centro de Investigación | CSIC IDAB | |
| SINAI-005 | Centro Tecnológico | CENER Fundación | |
| SINAI-006 | Centro Tecnológico | CNTA | |
| SINAI-008 | Centro Tecnológico | AIN | |
| SINAI-018 | Centro Tecnológico | INTIA | |
| SINAI-014 | Centro Tecnológico | NAITEC | |
| SINAI-004 | Centro Tecnológico | LUREDERRA | |
| SINAI-002 | Universidad | UPNA | |
| SINAI-007 | Universidad | UNAV | |

How do you believe that the selected R+D center can help you gain the competitive advantage described in section 3C?



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If you have not previously selected an R+D centre from the Navarra SINAI environment, please indicate whether you would like EATEX to make the selection and proposal for the R+D centre.

☐ YES ☐ NO

In this case, please state whether you will allow EATEX to share the information from section 3A and 3C with the centres.

☐ YES ☐ NO

| Comments: |
| --- |
| |



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**5-IMPLEMENTATION OF THE SOLUTION**: if the project is successful, indicate the timeline for the technological solution to be implemented in your company

☐ ≤12 months ☐ 2 – 3 years ☐ ≥3 years

**6-RESOURCES**: tell us about the availability of your own resources to guarantee the success of this project. Mark as many options as you consider relevant.

☐ Mentoring, technical and business-related, for the technological development team

☐ Availability to jointly-develop the solution with the external R+D team

☐ Support for validation tests and industrial scaling of the solution

**7- NDA**: do you foresee the need to set up a NDA with us .

☐ YES ☐ NO



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**8- RESULTS TRANSFER: If the project is successful**, assessed according to the criteria defined previously by the parties, **the result will be transferred to be exploited,** by means of a licence, sale or any other formula agreed between the parties.
The form and the quantity of the payment by the company due to the transfer will be proposed for each project.

**Overall, the results are the property of the entity performing the research activity and that generates them**.

I do agree with the policy about results ownership and transfer.

☐ YES ☐ NO

| In case of any doubt about solution transfer, please comment. |
|---|
| |

I do understand and accept the program conditions as described at Participation Rules
(https://www.eatexfoodinnovationhub.com/wp-content/uploads/2023/12/0196-Bases-Programa-para-el-desarrollo-de-la-innovacion-y-la-transferencia-tecnologica-Eatex-en_V3.pdf)

☐ YES ☐ NO



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Annex 1:

| | | | |
|---|---|---|---|
| **WORKING AREAS** | **BOOST AGRICULTURE & FARMING OF THE FUTURE** | **Descripción:**<br><br>Optimising or generating new agricultural raw materials and production systems that ensure or improve the productivity and profitability of crops and livestock herds and/or reduce their environmental impact. | **Ejemplos:**<br><br>New varieties, more efficient irrigation systems, new fertilizers and agrochemicals, disease control, soil health, vertical farming, new materials, etc. |
| | **EXPLORING NEW INGREDIENTS AND PRODUCTION MODELS** | **Descripción:**<br><br>Identification or generation of new raw materials or alternative ingredients and systems to obtain them. | **Ejemplos:**<br><br>Alternative proteins, plant proteins, cellular farming, biomass and precision fermentation, seaweed, wild mushrooms, etc. |
| | **NEW FOOD AND BEVERAGES FOR A HEALTHY DIET** | **Descripción:**<br><br>Optimisation and generation of new food and beverages items, with improved nutrition and functions, where the innovation boosts health. | **Ejemplos**:<br><br>Solutions to reduce fat, salt, sugar, new functional ingredients, plant-based products, special nutrition needs . |
| | **IMPLEMENTATION OF INDUSTRY 4.0 AND HYPERCONNECTED PROCESSES.** | **Descripción:**<br><br>Development and improvement of the processes by adapting new digital technologies to the agrifood sector. | **Ejemplos**:<br><br>Data management and architecture, sensorics, modelling and systems for decision making, IA, precision agriculture, robotic for process automation, traceability along the value chain. |
| | **INNOVATION APPLIED TO FOOD PACKAGING AND PRESERVATION SYSTEMS** | **Descripción:**<br><br>Optimising and generating new strategies to preserve and package food, throughout the entire value chain, from the food source, through production, packaging, distribution, etc. that make it possible to lengthen useful life safely, avoiding delays and losses. | **Ejemplos:**<br><br>Sensor data capturing, modelling and decision-making systems, artificial intelligence, precision farming, robotics to automate processes, traceability throughout the value chain |
| | **CIRCULARITY AND UPCYCLING** | **Descripción:**<br><br>Application of circularity solutions when processing agrifood waste and sub-products to be repurposed and/or to reduce their environmental impact. | **Ejemplos:**<br><br>*Upcycling,* value added ingredients and materials, solutions to manage farming waste. |



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