



CALL FOR PROPOSALS PRE-MATURATION 2017

1. FRAMEWORK

The ambition of the I-SITE ULNE project is to sustain and expand excellence in research and education. The project¹ is built around 3 interconnected hubs, covering a wide range of disciplines: “Precision Human Health”, “Science for a Changing Planet” and “Human-Friendly Digital World”. Internationalization and valorization are also core priorities of I-SITE ULNE.

2. CALL FOR PROPOSALS: “PRE-MATURATION”

This action is part of I-SITE ULNE consortium² strategy to enhance the transfer of academic research to the socio-economic world. It corresponds to the action V1 of the I-SITE file. This action is co-financed by I-SITE ULNE and SATT Nord.

Objective: Transforming the achievements of our laboratories into innovation – technological as well as social, organizational, and usage-based – is a priority of I-SITE ULNE. The aim of the current call for proposals is to provide funding for projects at the cutting edge of innovation in their pre-maturation phase, typically between the identification of the project’s potential and the decision on the part of the SATT to invest in its maturation. This corresponds to the transition from level 2-3 to level 3-4 of the TRL³ scale. The goal of this call is to help researchers to develop laboratory demonstrators bringing proof of the “academic” concept of a technology or an innovation.

This fund, which is managed in partnership with SATT Nord will support selected projects in three ways:

- a. Analyzing the degree of novelty and innovation of research results with respect to intellectual property (IP) law, and helping to define an IP asset (e.g. clarification of the mechanism of action, a draft patent, original software, valuable databasis, corpus, etc.);
- b. Analyzing the applicative potential of the research results and associated markets in order to determine the appropriate transfer strategy and needs in terms of technological development;
- c. Providing the means to put in place a technological development program for the most economically promising applications.

The results of projects financed by this call are expected to lead to the creation of start-ups or to existing companies through licensing. The project will be evaluated for a potential investment for maturation by SATT Nord.

This call for proposals is open to members of I-SITE ULNE (consortium members and partners⁴). External organizations may be implicated but cannot receive grants from I-SITE-ULNE. To qualify for funding, projects must contribute at least to one of the challenges of the three hubs:

¹ <http://www.isite-ulne.fr/docs/projet-isite-en.pdf>

² Université de Lille, Centrale Lille, ENSAIT, ENSCL, IMT Lille-Douai, Sciences Po Lille, ESJ, ENSAPL, ENSAM- Campus de Lille, CNRS, INSERM, INRIA, CHRU de Lille and Institut Pasteur.

³ Technology Readiness Levels: Scale applied to assess the maturity of evolving technologies/applications.

⁴ Partners are Centre Oscar Lambret, Université d’Artois, Université du Littoral Côte d’Opale, Université de Valenciennes et du Hainaut Cambrésis, la FUPL, KU-Leuven, SKEMA Business School, IFSTTAR, ONERA and IFREMER.



CALL FOR PROPOSALS PRE-MATURATION 2017

Hub 1: Precision Human health

- Challenge 1: Promoting system biology and precision medicine
- Challenge 2: Catalyzing digital revolution in biomedical research
- Challenge 3: Maximizing the impact for patient and society

Hub 2: Science for a Changing Planet »

- Challenge 1: Understanding and monitoring planet challenges
- Challenge 2: Exploring alternatives to exploitation of fossil resources
- Challenge 3: Impacts and adaptation, impact of air pollution on health

Hub 3: Human-Friendly Digital World

- Challenge 1: Humanities for a friendly digital world
- Challenge 2: Taming complexity with innovative conceptual tools
- Challenge 3: From disruptive concepts to friendly devices (hard and soft)

For all projects, in accordance with the ambitions of I-SITE ULNE, special attention will be given to projects from the human and social sciences or involving the human and social sciences.

3. CONDITIONS

Duration of project: 6 to 24 months

Support: SATT Nord takes charge of analyzing the novelty and the applicative potential, using both internal and external resources. A maximum of 70K€ will be allocated to selected projects for technological development, with possible milestones.

5 to 10 projects will be funded.

Eligible expenditures: staff costs, equipment, supplies, external services if necessary. (Travel expenses will only be eligible if they are kept to a minimum and directly related to the success of the project)

A final activity report must be submitted in order to assess the project's achievements. A mid-term activity report will be required for 24-month projects.

Project proposals must follow the format of the attached application form and must be written in English.

4. ELIGIBILITY CRITERIA

- ✂ The coordinator must be a member of the consortium or of one of the partner institutions.
- ✂ The project must correspond to a pre-maturation phase (where applicable, from TRL 2-3 to TRL 3-4) and contribute at least to one of the challenges of the Hubs.



CALL FOR PROPOSALS PRE-MATURATION 2017

5. EVALUATION

The evaluation will be carried out by the SATT and I-SITE ULNE according to the following criteria:

1) *Quality and originality of the project*

- ✎ Clarity of the objectives
- ✎ Potential for progress with respect to the state of the art
- ✎ Feasibility of the development plan and calendar
- ✎ Contribution of the project to the Hub strategies for developing excellence
- ✎ Potential for technological/ knowledge transfer
- ✎ Novelty and originality of results in relation to IP

2) *Implementation of the project*

- ✎ Skills, expertise and role of the coordinator
- ✎ Choice of appropriate means and objectives
- ✎ Quality of the methodology selected for the project

3) *Impacts of the project*

- ✎ Impact in the social, scientific, economic and/or cultural domain(s)
- ✎ Potential to create and/or strengthen partnerships
- ✎ Potential to increase the visibility of I-SITE ULNE

6. SCHEDULE AND SUBMISSION PROCEDURE

Letter of intent: before 23 October 2017 (11:59 PM)

This should be a 2500-word (maximum) summary that specifies the hub/theme, provides a project description including the initial and target TRL, expected results and expected impacts. It should be accompanied by the name and CV of the coordinator.

Deadline for project submission: 13 November 2017 (11:59 PM)

The projects must be sent to the following address: projects@isite-ulne.f (the name of the file and the object of the e-mail must contain the title of the call for proposals)

Help desk

scheherazade.boudaoud@isite-ulne.fr
france.merimee@isite-ulne.fr