

**NATIONAL RECOVERY AND RESILIENCE PLAN - MISSION 4, COMPONENT 2, FROM RESEARCH TO BUSINESS
INVITATION FOR EXPRESSION OF INTEREST FOR COLLABORATION PROGRAMS IN RELATION TO THE PUBLIC
NOTICE ISSUED BY THE MINISTRY OF UNIVERSITY AND RESEARCH (DM MUR 28.12.2021 PROT. 3265)**

Premise

In the context of the National Recovery and Resilience Plan, Mission 4 "Education and research" - Component 2 "From research to business", the investment dedicated to the "Granting of loans for the construction or modernization of technological innovation infrastructures" aims the creation or modernization of technological innovation infrastructures, in implementation of Investment 3.1 "Fund for the creation of an integrated system of research and innovation infrastructures", for the strengthening and completion of the research and innovation process chain. With the funds available, the mechanisms of technology transfer will be strengthened, encouraging the systemic use of research results by the productive fabric, supporting the diffusion of a transformative approach to innovation also through the mobilization of skills and private capital and the introduction of innovative management models.

Through the introduction of innovative management models and the mobilization of skills and private capital, the Notice aims to favor a closer integration between companies and the world of research, strengthening the mechanisms of technology transfer and encouraging the systemic use of research results. by the productive fabric.

With the term "Technological Infrastructures of Innovation" the call refers to facilities, equipment, capabilities and services to develop, test and enhance technology to advance from validation in a laboratory to higher technological maturity levels (TRL) before competitive market entry.

The Technological Infrastructures of Innovation operate in productive sectors and territorial areas defined by the development and innovation community, mainly SMEs or technological production chains, which use the technological innovation infrastructures to develop and integrate innovative technologies towards the commercialization of new products, processes and services. While maintaining open and competitive access, common to research infrastructures, for private entities contributing to open innovation and open data, the technological innovation infrastructures also offer their services in a secure way.

The Notice finances the creation or modernization of at least n. 10 (ten) Technological Infrastructures of Innovation, located in a single site or distributed, designed and built to offer advanced technological tools, solutions and services aimed at the academic and business world, in order to increase their competitiveness.

The subjects eligible to apply for participation pursuant to this Notice (proposing subjects) are the public subjects identified in bodies and research institutions supervised by the Ministry of University and Research (MUR), pursuant to Legislative Decree 25 November 2016, n. 218 and Universities and Schools with a special organization established by the MUR.

The proposing subject, in this case the University of Siena, intends to make use, in the implementation of the initiative, of the contribution of private economic operators, whose availability it wants to identify with this request for expression of interest, to formalize - in case of financing of the project by the Ministry - a "Public-Private Partnership" (PPP) or a "form of cooperation between public authorities and private entities that aim to guarantee the financing, construction and management or maintenance of an infrastructure or provision of a service ". The establishment of the Public Private Partnership will take place in compliance with European and national legislation.

For the specific action, the aforementioned Notice also indicates that each initiative presented must provide for a total of total eligible costs ranging between a minimum of 10,000,000.00 (ten million / 00) of euro and a maximum of 20,000,000.00 (twenty million / 00) of euro for modernization of existing infrastructures; for

interventions aimed at the creation of new infrastructures, each initiative must provide for a total of admissible total costs, as indicated in the application, ranging between a minimum of 20,000,000.00 (twenty million / 00) euros and a maximum of 40,000,000, 00 (forty million / 00) of euro.

1. Object and purpose

In relation to the public notice issued by the MUR, the University of Siena intends to present a project proposal aimed at defining a Technological Infrastructure of Innovation, through the modernization of existing infrastructures and laboratories, to offer services mainly based on the synergy between the sector of Artificial Intelligence and Life Sciences, supported by specialized computing structures and software systems. Starting from the existing computing infrastructures in the University and from the recent activation of the Siena Artificial Intelligence HUB (SAIHUB), in the first instance, the University aims to create high-level professional services that allow the rapid use of the technologies mentioned, in the network of UNIS-IA laboratories, dedicated to AI applications, and above all to the SAIHUB business network. Subsequently, the updating of the existing infrastructure aims to export services internationally both in the world of research and in that of companies. In addition to being conceived to support Life Sciences, the drive towards the rapid transition to Artificial Intelligence technologies is also conceived for the development of Health Care services, with an emphasis on automatic analysis of clinical data.

This Expression of Interest aims to identify the private subjects who intend to collaborate in the context of "Public-Private Partnerships" (PPP), to be defined only after approval of the project proposal, as they intend to participate in the developments of the Technological Infrastructure of Innovation mentioned above in terms of:

- Access to infrastructures and research services provided;
- Knowledge of the results of the research;
- Access to the activities of the laboratories implemented and updated by the University with the funding provided by the MUR under the aforementioned Notice;
- Access to the stages of experimentation with technological innovations and exploitation of research results;
- Access to technology transfer, training, and scientific dissemination activities;
- Co-financing of the activities to the extent foreseen by the announcement, if the project is approved.

The specific partnership agreements will define the activities, timespan, and methods of carrying out the respective activities, in compliance with the prescriptions defined by the MUR and the terms of co-financing in detail.

This Notice does not constitute a contractual commitment and does not involve any kind of obligation.

The presentation of applications has the sole purpose of communicating to the University the willingness to be identified as potential partners for the shared elaboration of projects and the subsequent possible participation in the PPP and in the co-financing of activities as required by the call.

2. Regulatory references.

See <https://www.gea.mur.gov.it/Bandi/Itec> - section "Normativa"

3. Methods and deadline for submission of proposal

The Expression of Interest must be formulated exclusively using the form attached to this Notice (Attachment 2), which must be duly completed and signed by the legal representative with digital signature.



The application must be submitted no later than 10.00 am on 07 March 2022, exclusively via certified mail, at the address rettore@pec.unisipec.it. In the subject of the email must be "Expression of interest for the project - Siena Artificial Intelligence and Life Science (SAILS)".

4. Responsible for the procedure

Responsible for the procedure is Dr.ssa Donata Franzi – e-mail: pnrr.ricerca@unisi.it

5. Legal advertising, information and contacts

This Notice and attachments are published on the page: <https://www.unisi.it/ateneo/adempimenti/amministrazione-trasparente/bandi-of-tender-and-contracts/documents-of-16>

For clarifications and further information about this Notice, contact: pnrr.ricerca@unisi.it

6. Data processing - Information pursuant to Regulation (EU) 2016/679 and of the European Parliament and of the Council and of Legislative Decree 196/2003 and subsequent amendments.

Pursuant to Regulation (EU) 2016/679 (GDPR - General Data Protection Regulation) and legislative decree 30 June 2003, n. 196 (Code regarding the protection of personal data) and subsequent amendments the University of Siena will process data communicated and relating to the Economic Operator only in order to ascertain the possession of the requisites that the law imposes to contract with the Public Administration and to what is necessary for the eventual execution of the contract referred to in interested will be party. The information on data processing is available on the page <https://www.unisi.it/ateneo/adempimenti/privacy> of the University portal ".