**Annex A**

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| **Expression of interest****in response to Notice of preliminary market consultation, regarding the creation of research infrastructures within the scope of the INFRA+ call for proposals “support for projects for the creation, strengthening and expansion of public and private research infrastructures”** |

**GENERAL INFORMATION**

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| Family Name |  |
| Name |  |
| Place of Birth |  | Birth Date |  |
| as:  legal representative  procurator Company/Entity (Company Name)  authorized subject in the Company/Entity:  |
|  |
|  |
| Legal head office: |
| Main Address |  |
| Postal Code |  | City |  |
| Tel. |  | Mobile. |  |
| Fax |  | E-mail |  |
| Certified E-mail |  |
| WEB site  |  |
| VAT ID |  | TAX ID. |  |

**DECLARES**

The undersigned, in response to the public notice indicated in the subject, expresses his interest in the project initiative described therein.

* + **Indication of the Infrastructures for which the interest is expressed:**

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|  | **Aerospace - IDEAS**IDEAS develops technical solutions and scientific knowledge to support the sustainable development of future aeronautical, space and exploration missions, systems and technologies. The infrastructure is divided into five scientific areas: two laboratories for space in the up-stream segment (Moon/Mars Analog Habitat and Stellar), one for the down-stream segment (Digital Planet) and two for aeronautics (Advanced Air Mobility and Sustainable Aviation). Each laboratory is based on three pillars: the digitalization of design processes and simulation, the development of technologies, and their testing. The ambition of the infrastructure is to make the most out of the competencies of the territory for the benefit of a wider community. To achieve this, the infrastructure: undertakes frontier research, supports innovation and competitiveness and offers skills and education. |
|  | **Food - INNO 5.0**INNO5.0 aims to develop innovative solutions for the agro-industrial system according to the paradigms of industry 5.0 such as: water quality assessment, reuse and transformation of waste from the agri-food chain, product and process development for the production efficiency and the valorization of fibrous by-products. |
|  | **Digital Transition - DigiMiQ**DigiMiQ project puts together PhotoNext, ChiLab, and E2PLab that have been active for years in the fields of photonic and quantum applications, microelectronics, and microsystems. This project proposal aims to significantly enhance the capabilities of these laboratories, enabling them to align with the state-of-the-art in the design, integration, and testing of microelectronic systems (ASIC, chiplets, system-in-package), as well as photonic and quantum systems. The laboratory represents a concrete response to the need for high-tech applied research, aimed at generating cutting-edge knowledge and transferring it to the industrial sector.  |
|  | **Digital Transition - Computing4GenAI**The Computing4GenAI project aims to develop a next-generation federated computational platform for research and innovation in Machine Learning (ML), Big Data, High-Performance Computing (HPC) and Generative AI. By integrating heterogeneous clouds with local resources of the proposing partners, it will create a computational continuum that optimises the use of resources, simplifying job execution regardless of the underlying infrastructure. Based on multi-cloud solutions, the platform will promote energy sustainability and the integration of local and national infrastructures. The project involves companies and researchers from the Politecnico di Torino and the Fondazione Italian Institute for Artificial Intelligence in co-design and prototyping activities, from conception to pre-production scale-up. This approach will foster the development of skills and innovations for Piedmont, generating positive impact for companies, academic institutions, and public administrations, exploiting the potential of generative AI for industrial transformation and scientific progress. |
|  | **Digital Transition - PiQuET+**PiQuET+ (Piemonte Quantum Enabling Technology +) is an applied research and technology transfer infrastructure focused on the development and application of micro and nanoscale technologies and quantum technologies, with a very strong vocation for multidisciplinarity, both in the skills of the personnel working there and in the application areas.It is co-managed by Inrim, PoliTo and UniTo and fully operational since 2023. PiQuET is an enabling infrastructure for the development of ambitious research lines for the benefit of both the scientific community and industrial innovation. |
|  | **Advanced Manufacturing - DREAMJM**DREAMJM, an advanced manufacturing infrastructure, can be summarized in a set of multidisciplinary solutions (additive manufacturing, joints, materials) aimed at improving the efficiency of innovative production and assembly processes by reducing waste to make manufacturing activities sustainable from a social, environmental and economic point of view. |
|  | **Mobility - PATH**The aim of PATH is to complete the supply chain on vehicle and component testing infrastructures already available at Politecnico di Torino and Links Foundation. The objective is to offer to the industries of the automotive sector the availability of test executions on components (e-motors, technologies and solutions for autonomous and connected vehicles), subsystems (e-powertrain and alternative fuels based powertrains) and complete vehicles (4 dynos vehicle testing facility). |
|  | **Health - PAsTISs+**PAsTISs+ is a federation of Research Infrastructures that will form a network for the development of innovative technologies aimed at health and well-being. By fostering collaboration between Politecnico di Torino and Università di Torino, PAsTISs+ will generate beneficial technological and social impacts for the region. |
|  | **Green Technologies - MEGASTREAM**MEGASTREAM is a hub of international strategic importance dedicated to developing materials and technologies and offering services for the energy transition supply chain, whose key elements are the generation and storage of electricity from renewable and low-carbon sources, green production, the use and storage of H2 and green fuels, the reduction of CO2 emissions into the atmosphere through its capture and transformation into products with high added value or its disposal underground.  |
|  | **Construction and Infrastructure for Societies and Territories - CIST**CIST, with the aid of the most up-to-date technologies in the sector, collects, makes interoperable and systematizes databases, information systems, archives and, more generally, any form of structured knowledge on the territory, the city and its artefacts, setting itself as the point of convergence of the numerous skills operating in real contexts. |

* + **Main activity carried out by the company/organization and experience on the topics covered by the initiative (optional, max 2000 characters)**

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* + **Suggestions/proposals regarding services to be activated within the initiative (optional, max 1000 characters)**

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Place and Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Signature**

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

(Digitally signed by \_\_\_\_\_\_\_\_\_\_\_\_\_\_)

*The data collected by the Politecnico di Torino will be processed, including with IT tools, in accordance with the regulations in force (European Regulation no. 679/2016, so-called GDPR, and national legislation), exclusively within the scope of this consultation. The Data Controller for the University is the Politecnico di Torino, with registered office in C.so Duca degli Abruzzi, no. 24, 10129 Turin, in the person of the Rector. The contact details of the Data Controller are Certified E-mail: politecnicoditorino@pec.polito.it, for information and clarifications: privacy@polito.it. The Data Protection Officer of the Politecnico can be contacted at: dpo@polito.it.*

*The submission of the expression of interest implies knowledge and acceptance, by the proponent, of the methods of processing, collection and communication mentioned above.*