

# POLITECNICO DI TORINO PUBLIC ANNOUNCEMENT

**Expression of interest in participating in the Energy Center initiative.** 

# **INTRODUCTION**

The Politecnico di Torino is an Italian university, based in Turin in Corso Duca degli Abruzzi no. 24, which carries out training and research activities in the field of Engineering and Architecture. A complete description of the university can be found on the website www.polito.it.

It should be noted that the Politecnico di Torino:

- has among its institutional aims, progress in scientific and technological research and higher education, in addition to support for the process of social development through technology transfer and services in the district. Indeed, the University has over the years gained significant experience in the area of technology transfer procedures thanks to long-standing, consolidated partnerships with the productive world and, above all, with the local area and businesses. Sharing knowledge gained in this area is one of the missions of the University's Strategic Plan which, to this end, promotes systematic measures to accompany industrial exploitation of the results of research and raising awareness of the social, economic and industrial potential of new knowledge and technologies. The Politecnico di Torino finds its place within this framework by supporting the development of the Energy Center initiative with the aim of encouraging the development of sound interactions among the parties involved and achieving the transfer of scientific and technological know-how;
- the Politecnico is involved with local institutions the Regione Piemonte and the Municipality of Turin as well as with the "Compagnia di San Paolo" in carrying out the initiative of the Energy Center;
- The Energy Center is set up as an initiative to support innovation in the energy field which
  can bring together, in one common physical location, research and development, training
  and technology transfer to businesses and public administrations at both national and
  European level, as detailed in the attached mission statement;
- The Energy Center will, therefore, promote the creation of new business activities in the energy sector by increasing knowledge in the field and thanks to the synergy and the exchange of information between the different actors carrying out their activities within the structure;
- The Energy Center, thus, tries to encourage local, city and regional development by effectively combining knowledge (science and technology), energy policies (local, national



- and European), the sector-related development, the creation of new business activities in the energy sector with development, locally, in the field of technologies and services, in a context driven by innovation.
- The creation of a link and a sound dialogue between the different scales of energy policies (European, national and local), through the involvement of the actors influencing them, is an added value for those involved in the Energy Center, in terms of being able to anticipate and follow the "requests" of the world of energy, gearing up to meet them by acquiring the necessary skills and concentrating the relevant actors inside the Energy Center. In this sense, the EC welcomes and supports industrial and multi-actor service activities created and based on requests from the outside world.

# **GENERAL OBJECTIVES**

With this announcement, the Politecnico intends to acquire expressions of interest with the aim of identifying potential "partners" with whom to develop a partnership on the issues of research, training and technology transfer, which, in order to pursue spatial and scientific-educational contiguity, is linked to the granting of the use of space which will be provided in return for an annual fee.

Through collaboration with the Politecnico, the "partners" will implement projects of significant interest to the pursuit of the mission of the Energy Center. The activities carried out in collaboration and/or with the support of the Politecnico will be governed by specific agreements.

### **BENEFICIARIES**

This announcement is aimed at private parties, both Italian and foreign, operating in the energy sector which carry out R&D and have started projects or initiatives which require prototyping activities or pre-commercial research and intend to carry this out within the Energy Center in line with the mission pursued by this initiative.

# SPACES FOR THE LOCATION OF RESEARCH, TRAINING AND TECHNOLOGY TRANSFER ACTIVITIES

The Energy Center is located in an industrial area that is currently being converted which belongs to the Municipality, next to the Cittadella Politecnica in Turin. This area, known as Ex-Westinghouse, is situated between the streets Nino Bixio and Paolo Borsellino.

# FEATURES OF THE ENERGY CENTER COMPLEX

The Energy Center is a complex that was conceived as a multifunctional infrastructure, dedicated to study, research and technology renewal, with a strong focus on the final phase of the industrial research process (implementation of prototypes and pre-commercial phases) that will result in activities dedicated to testing components, subsystems and complete systems.



The Energy Center is a complex, multifunctional building featuring different areas of use laid out on six levels, excluding the basement, as shown in detail below and the layout of which can be viewed at the following link: http://www.swas.polito.it/services/gare/Default.asp?id documento padre=121784.

Please note that it will be possible to make an inspection tour of the Energy Center with prior booking (see the inspection tour communication).

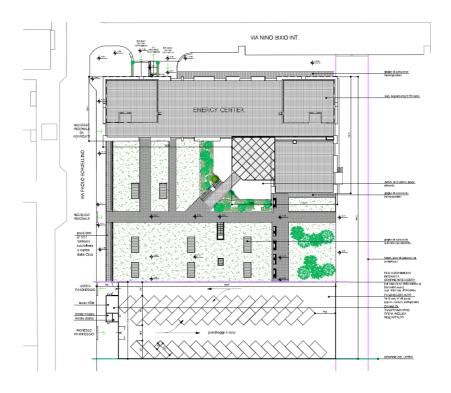
The concept of the spaces inside the Energy Center, on the above-ground floors, is flexible and can be adapted to requirements that may change over time: indeed, there will large open-spaces which can be divided up based on changing requirements.

On the basement level (location -4.48m), there are the technical rooms which meet the energy requirements for the building, an **underground car park** (approximately fifty parking spaces) and additional spaces where support services could be located.

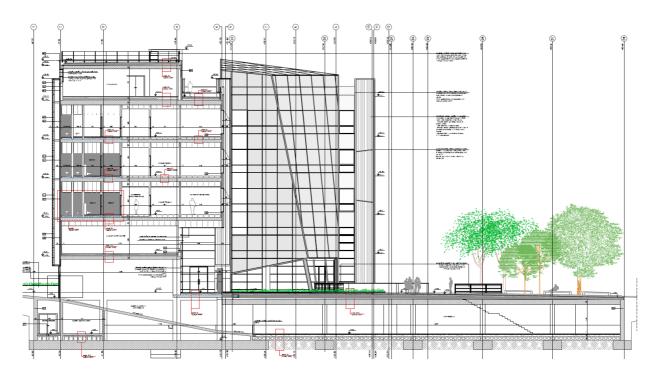
The ground floor is particularly suitable for laboratory use (about 450 m $^2$ ), consisting of a large, double-height room (about 8 m). The entrance hall which is on the same level has a reception area (about 260 m $^2$ ) and a conference room (about 180 m $^2$ ).

**The upper floors** are dedicated in part to offices serving the laboratories and study centres located in the Center and in part to computer laboratories, closely linked to the test systems which are mainly dedicated to the rational use and control of energy. There are also some rooms dedicated to training for researchers and academics.

The **roof level of the building** houses a number of technical rooms and an open-air test site. The layout, sections and rendering of the Energy Center are shown below.















The spaces provided for the "partners" will vary in size (with a minimum area of about 45 m<sup>2</sup>) and will feature different layouts; they could also be assigned based on the requirements indicated by the participants in the Expression of Interest, subject to assessment by the Board of Directors.

There will be an annual fee in return for the granting of use of these spaces which will vary based on the square metres allocated. The fee will include ordinary costs (energy, air conditioning, heating, cleaning, caretaker services, video surveillance, intercom and ordinary maintenance). The fee will be a set figure – depending on the layout and the features of the allocated spaces – ranging from 100 to 120 Euros per m<sup>2</sup> per year. TARI (refuse disposal tax or equivalent) will be borne by the parties occupying spaces in the Energy Center.



The spaces will be made available to "partners" following approval of the inspection tour of the Energy Center which should take place by October 2016.

The rooms will be handed over with basic equipment in place.

#### SUBMITTING EXPRESSIONS OF INTEREST AND RELATIVE DOCUMENTATION

Interested parties should submit the following documentation to the Politecnico di Torino, Corso Duca degli Abruzzi n. 24, 10129 Torino, in a sealed envelope bearing the wording "Manifestazione di Interesse per la partecipazione all'iniziativa Energy Center – Anno 2016" (meaning "Expression of Interest in participating in the Energy Center initiative – Year 2016"):

- the expression of interest signed by the legal representative and accompanied by a photocopy of a valid identification document bearing the name and address of the applicant.
- a technical report containing the following points:
- a. a brief presentation of the applicant indicating the area of activity;
- b. the sector and the areas of interest that could lead to a future partnership with the Politecnico;
- c. the preliminary contents of the project and the activities that would be carried out, highlighting: the reasons for the applicant's proposal; the most significant aspects with regard to the aims of the Energy Center initiative and the reference framework; the assumptions/opportunities that are expected to arise from the development of the applicant's project;
- **d.** the applicant should outline space requirements by indicating the size of the rooms and the installations required to carry out the activity;

## **TERMS**

The interested parties should submit, **before March 31, 2016**, the expressions of interest in participating as a "partner" in the Energy Center initiative using the methods indicated in the previous paragraph.

The expressions which are submitted will be assessed by a Committee nominated ad hoc.

The Board of Directors reserves the possibility of assessing expressions of interest which are submitted after the deadline indicated.

Once the expressions of interest have been submitted, those parties who have presented an expression of interest deemed suitable and relevant to the goals of the Energy Center initiative will be invited to prepare a more detailed project proposal in a possible Phase 2.

The Board of Directors reserves the right to invite to a possible Phase 2 any parties it deems to be potential "partners" in partnerships for developing topics of research, training and technology transfer, even if these parties have not expressed an interest through the form and methods indicated in this announcement.



The project proposals will be assessed based on criteria that have been duly identified and announced.

## **CLARIFICATIONS**

Any queries, clarifications or additional information about the contents of this announcement should be made in writing to the Politecnico di Torino. Requests should be sent to the following address: <a href="mailto:energycenter@polito.it">energycenter@polito.it</a>

## **EFFECTS OF THE EXPRESSIONS OF INTEREST**

This announcement does not constitute an offer to the public in accordance with art. 1336 of the Italian Civil Code and is not binding for those parties taking part in the expression of interest.

With this survey, the Board of Directors does not assume any responsibility towards the participants who cannot make any claims to the Politecnico di Torino, in any form, based on this fact-finding survey.

## PERSONAL DATA PROCESSING AND PROTECTION OF CONFIDENTIALITY

Pursuant to Italian Leg. Decree no. 196 of June 30, 2003, "Personal Data Protection Code", it should be noted that the data provided when submitting the expression of interest will be processed by Politecnico solely for the reasons connected to this announcement and any subsequent and relevant procedures.

The rights referred to in art. 7 of the above-mentioned decree are granted to those parties which prepared expressions of interest with regard to the processing of data which may concern them.

## **PUBLICATIONS**

This announcement will be disseminated through publication:

- on the Register online and on the website of the Politecnico di Torino, which can be viewed at the address <a href="http://www.swas.polito.it/dotnet/albo">http://www.swas.polito.it/dotnet/albo</a> online/.

The announcement is published both in Italian and in English.

Turin, 8 January 2016

The Chancellor of the Politecnico di Torino

(Prof. Marco GILLI)

(Original signed)