

## ENERGY CENTER IN TURIN

### MISSION STATEMENT

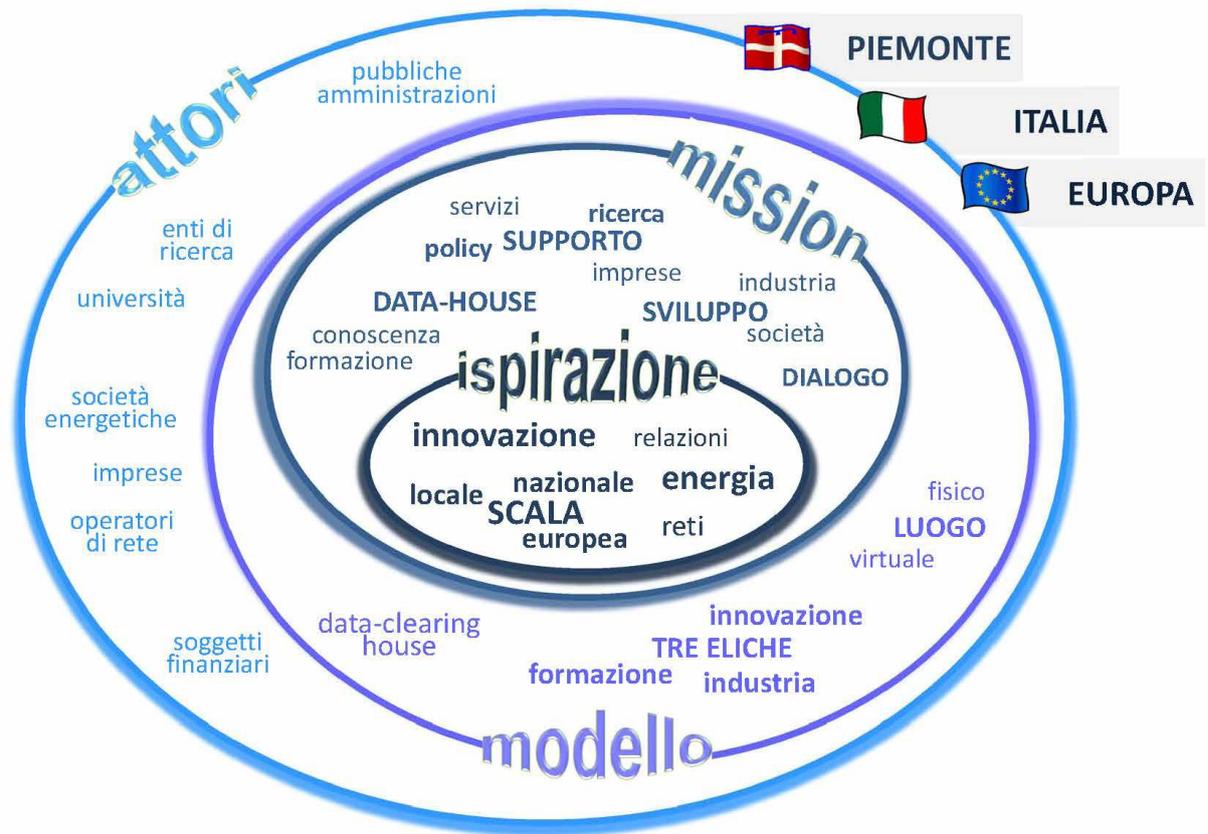
*July 2015*

The document by the European Commission (EC) “Energy Union Package, a Framework Strategy for a Resilient Energy Union with a Forward-Looking Climate Change Policy” (COM (2015) 80 of 25.2.2015), the “National Energy Strategy” (Italian Ministry of Economic Development, March 8, 2013), the “National Energy Efficiency Action Plan” (Italian Ministry of Economic Development, July 17, 2014), the Preliminary Document of the new Regional Environmental Energy Plan (Resolution by the Regional Council of March 30, 2015, no. 23-1253) and the Strategic Plan “Metropoli 2025” of the City of Turin (Metropolitan Turin 2025, presented on April 10, 2015), show how strategic values are attributed to energy issues and that the reference framework is both European, national, regional and local. The energy issues, however, should not only be addressed by focusing on the different territorial scales involved, but also by keeping in mind the wide range of knowledge, skills and social issues involved.

These considerations and the awareness of the multi-dimensionality of the issue at stake have given rise to the project to establish an Energy Center in Turin which combines the ability to build a network, on both a national and European level, with the ability to promote the creation of new business ventures in the energy sector with the growth of sector-based knowledge leading to innovation thanks to the synergy and the exchange of information between the different actors who will carry out their projects within the structure. Thus, Public Administrations, Research Organisations and Enterprises will have a setting in which to work on issues that may differ from one another, but will lead to a collaborative interaction brought about by the Center itself and the common interest in social, technological and management innovation in energy issues. With this vision, the creation of the Energy Center (EC) in Turin can promote and envision local development based on a “three propeller” model whose actors are innovation, training and industry with a close, direct link to energy policies (European, national and regional) and their drivers (the European Commission, Ministries, Piedmont Region). The location is also excellent; Turin is a “University City” as defined in the recent strategic plan “Metropolitan Turin 2025” and is part of a prestigious industrial environment and a deeply rooted tradition in research and innovation both by public and private parties, Research Centres (public and private) of international importance. There is a long-standing culture on the issue of energy and the environment with companies with more than one hundred years of history. The EC is situated on a modern, active university campus where the three propellers have already been implemented in a way that is virtually unique in Italy: university departments, training classrooms, laboratories, socialisation and study areas (libraries, meeting places, coffee shops, restaurants, etc.), over thirty public and private research centres in the Cittadella Politecnica and a business incubator in which three new companies are created every two months and which has seen the creation of one hundred and eighty new companies over a fifteen year period.

The regional and metropolitan sociocultural system in which the EC is situated is, therefore, “ideal” and could be very important in bringing the activities which will take place within the EC closer together, Energy Center in Turin – Mission Statement- 29/07/15 - pages 2/3. In light of the above, the mission of the EC is to encourage local, city and regional development, 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 among 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 EC, 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 EC. In this sense, the EC welcomes and supports industrial and multi-actor service activities created and based on requests from the outside world. The availability of energy data at different scales (local, national and European) is crucial to the definition of policies, the assessment of their effects (before and after) and the ability to develop innovative ideas.

The EC will thus represent a data-warehouse to support the development of policies and stimulate new innovative business activities in the energy sector. The availability, interpretation and use of the data, within the bounds of privacy and security, by public and private parties play a key role in the logic of the EC, both in supporting new market initiatives and in supporting policy makers, in a scenario where energy flow and services will be increasingly based on knowledge of data and the way it is processed and interpreted. Actions aimed at fostering goals in line with the mission could be, for example: promoting the joint location of public and private parties operating in the energy sector to create a link, even a physical link, between the strategies in Europe, national policies and tools for territorial development with a view to setting up new businesses and new services; to act as a catalyst for new ideas for co-working activities by providing open spaces for individual or structured operators; to attract public and private parties which can benefit from the ecosystem in which the EC has been set up, with its students, public and private innovators, policy makers and financial entities (risk and loan capital) operating in the energy sector.



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