



EnerGea was founded in 2011, from the necessity of catalyzing the technical-scientific abilities, deriving from the historical presence in the Tuscan geothermal area of industrial activities and research centers operating in the energy field, so as to pursue the goal of a sustainable development of local geothermal supply chains and renewable energy sources.

Through its own supply of research services, EnerGea intends to operate as conjugation element between the research world, institutions and the company's system and as an actor for the internationalization of its methodological references, by a permanent presence in the global scientific community.

EnerGea, grounding on the sharing of its aims toward the regional government of Tuscany, aims to act as a multiplier of opportunities for the local, national and international enhancement of the potentialities expressed by its partners in the different dimensions of interest for the geothermal, RES and Energy Efficiency field.

The main EnerGea activity sectors, revolve around the applications relating to:

- Energy production from RES (mainly, geothermal energy, thermal solar and PV and agricultural and forestry biomass)
- Improvement of energy efficiency in anthropic systems (residential, urban, productive)
- Environmental sustainability of decisions, especially those regarding energy issues

LEGAL STRUCTURE AND COMPANY MEMBERS

The experience of CITT (International Centre for the Technology Transfer) and CEGL (Centre of Excellence for Geothermal Energy of Larderello) as initial consortiums is completed and finished. The flexibility needed to startup phase allowed a stable first hypothesis of structure on which to base its planning.



From these experiences a more stable association was born. Indeed, EnerGea has its own legal status and it is based on more than 4 years of experience on the topics of renewable energy, energy saving and specially geothermal energy.

Former members of CITT and CEGL were asked to form the first member nucleus of the society, which is composed by:

- Co.Svi.G., adequately representing local reference entities,
- Scuola Superiore Sant'Anna,



- University of Pisa.
- National Research Council

The activities of EnerGea are:

1. Technical assistance and services for PA and firms;
2. Training;
3. Communication, events and entertainment on energy issues;
4. Technology transfer.

PROGRAM OF ACTIVITIES

The market of Energy Efficiency and RES diffusion services is still expanding, even if the policy of incentives has experienced an inevitable stop, although for some sources there are still significant margins of development. In addition, there are many spaces for the development of activities to promote technology transfer and operator training in this field.



A special focus is given to the promotion of activities aimed at developing renewable energies from the side of technology, products and qualified services "*Made in Italy*" and "*Made in Tuscany*" supply.

EnerGea has the key objective of developing its competences to the highest quality and professional levels in the Tuscan territory, already characterized by the presence of different socio-economic actors, integrated in a relevant socio-economic-productive system, in which it is possible to support and develop qualified and synergic initiatives on research, innovation and provision of qualified services, which might foster:

- The participation to knowledge networks that enhance skills of the regional and national technical-scientific system in energy and environmental fields;
- The introduction of support systems to the access of firms at innovation, increasing its competitiveness;
- The establishment of the routes mostly based on smart grid and small grid and a greater attention to micro distribution/distributed generation systems which promote the energy independence and the redesign of anthropic systems
- Design and supply of training actions, as well as the definition of training methods that allow a better effectiveness of the know how transfer towards the energy/environment sector
- The development of entertainment and communication activities in the energy and environmental field, aimed at supporting the sustainability culture among citizens and operators of the sector, also by the opportunities of exchange of best practices, mobility, visits, evidences, etc.

Summarizing, the activity planning may refer to two micro areas of action: qualified services for the territory and applied research and TT activities.

The participation of EnerGea to the challenge launched by the Tuscany Region, concerning the structures for the technology transfer (**competence centers**, laboratories and incubators and technology districts), appears therefore unavoidable. Indeed, EnerGea has been identified as the structure for the management of the arising laboratory of the Excellence Center for Geothermal energy of Larderello (CEGLab), whose objective is to provide services for the assistance and elaboration of analysis, researches and investigations on behalf of third parties in the above mentioned fields.