

30. KIC InnoEnergy

MUNICIPALITIES

Barcelona, Sant Cugat and Sant Adrià de Besòs

HEADING

The UPC, ESADE, IREC and Gas Natural Fenosa, the Catalan partners of KIC InnoEnergy, are setting up Europe's largest research, education and innovation in sustainable energy network in Barcelona, promoted by the European Innovation and Technology Institute (EIT). The initial investment is 450 million euros for the next four years.

ECONOMIC AND TECHNICAL DATA

- Duration envisaged: 7 years
- Budget for first 4 years: approximately €450 M
- Participants: 36 main partners
- Six activity centres: Barcelona, Stockholm, Karlsruhe, Grenoble, Kraków and Eindhoven
- Expected results for the first 4 years: 65 patents, 15 patents transferred to SMEs, 50 spin-off companies, launch of 90 products and services, participation of 1,500 master's and PhD students and 300 academic publications

DESCRIPTION OF PROJECT

The European Commission created the European Innovation and Technology Institute (EIT) as part of the review of the Lisbon Strategy, which puts research, education and innovation activities among its maximum priorities. The EIT unifies these three priorities in the so-called knowledge triangle.

The EIT hopes to address the innovation gap being suffered by the EU by promoting the integration of these three priorities. To achieve this mission, the EIT has created Knowledge Innovation Communities (KIC), long-term strategic alliances based on excellence with the participation of all key agents that play a fundamental role in the so-called knowledge triangle.

InnoEnergy is the KIC for sustainable energy. Its mission is to revitalise innovation in this field, proposing a sustainable energy concept that improves the impact on climate change and includes the entire "mix energy" considering present and future technological concepts:

- Renewable energies (wind, solar - including photovoltaic and thermal - and marine energy).
- Smart networks and energy storage networks.
- Energy efficiency.
- Biomass and fossil energy.
- Clean coal technologies.
- Sustainable nuclear energy and convergence with renewable energies.

Barcelona is the headquarters of the Iberia node that will coordinate renewable energy projects, although all these will have a cross-node dimension which will bring together the major experts in Europe in a particular subject and encourage cooperation of organisations from different countries.

KIC InnoEnergy started operation in 2010, has been fully operational since 2011, and has launched various research, education and entrepreneurial and business creation projects.

PROJECT ADDRESS

www.kic-innoenergy.com

RESPONSIBLE

Mikel Lasa, General Manager of KIC InnoEnergy Iberia.