Contributing to a more sustainable energy future

The Catalonia Institute for Energy Research (IREC) carries out research and develops technology in the field of energy and its production, transformation, transport, distribution and use, with a particular focus on technologies that will facilitate the transition to a new, more sustainable energy model, especially technologies that promote energy efficiency and saving, and technologies to produce and use clean and renewable energies.

The IREC’s mission is to contribute to the sustainable development of Catalan society and the competitiveness of its businesses via innovation and the development of new technological products, medium- and long-term research, and the development of scientific and technical knowledge in the field of energy.

The institute’s activities focus on two areas:
- A market-oriented approach involving the development of technologies, new products and new solutions for companies in the energy sector.
- Long-term research and the generation of knowledge within the institute’s groups and units, which may have commercial applications for the industry in the long term.

The institute’s approach can be defined as the balance between these two lines of work.