
Instituto Tecnológico de la Energía
Solutions for a Smart Energy World



ITE, Solutions for a Smart Energy World

Centro Tecnológico e la Energía ITE, we have been in the energy sector for more than 30 years.

PURPOSE

Facilitating sustainable and efficient energy transition for business and society.

MISSION

Generation and transfer of knowledge and technology to address new challenges in the energy field.



VISION

To be the technological benchmark in energy transformation, based on excellence, science and innovation, for the sustainable development of companies in a collaborative and integrated manner.

VALUES

Excellence

We work for excellence and innovation through professionalism, knowledge generation and continuous improvement.

Commitment

We are committed to people, our customers, business and society.

Integrity

We act with professional ethics, integrity, independence and impartiality.

Collaboration

We like teamwork and collaborate in an open and inclusive way to achieve common goals.



R&D&i in our DNA

As a reference technological partner at a national and international level, companies have the experience and professionalism of ITE in their projects, since our objective is to help them and make it easier for them to advance and adapt to new times, and optimize the efficiency of their company. The ITE provides the added value of promoting companies' innovative ideas to become business opportunities.

ITE is distinguished by many aspects, but innovation and the generation of knowledge in the energy sector in each of its projects, always aimed at pursuing the solid values that characterize its activity, such as achieving the energy transition.

Strategic lines



NETWORKS OF THE FUTURE



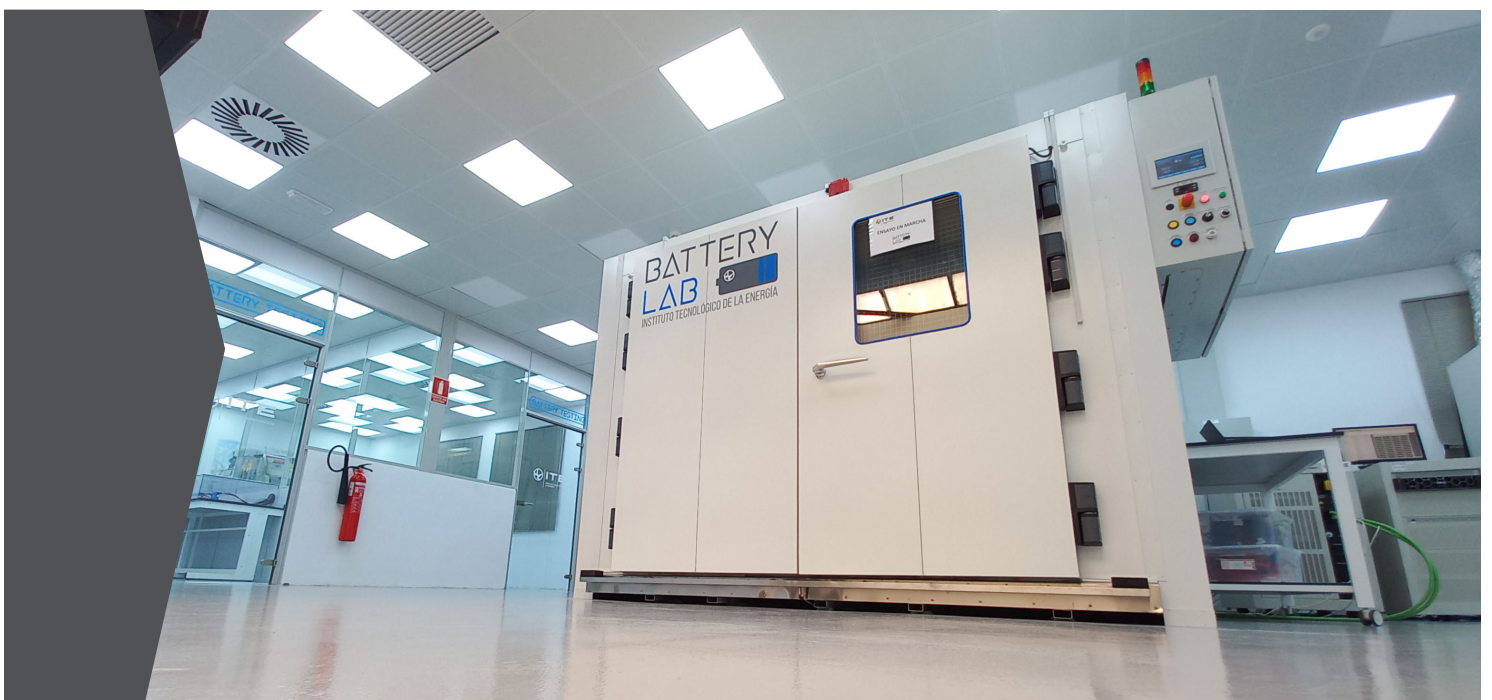
ENERGY STORAGE



SUSTAINABLE MOBILITY



SUSTAINABILITY AND CIRCULAR ECONOMY





GAMMA



Offers energy infrastructures that provide the most innovative digital solutions. This allows companies to have complete control over the management of resources in an optimal, remote and decentralized way. In addition, the systems maintain the stability of the network, identify errors in operations, as well as encourage and facilitate users' active participation in the processes to achieve the energy transition.



CIRCULAR CARBON



It was born with the aim of researching and developing sustainable objectives such as the circular economy, decarbonization and waste reduction, as well as the implementation of alternative energies. The technological innovation of this pilot plant allows us to obtain activated carbon in an energetically and environmentally sustainable way.



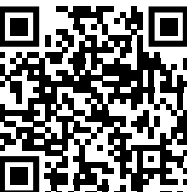
HYDROGEN



Developed in order to offer companies an innovative technological ecosystem where equipment and components are tested, as well as R&D&I projects are developed in relation to hydrogen and energy storage technologies, which can be released when and as necessary. This allows us to insist on security of supply and sustainable development.



BATTERIES



We have a pilot plant on batteries and their second life, unique in the entire Valencian Community, which places us as references in the entire value chain of batteries, as well as in energy storage, areas in which we contribute years of experience and constant innovation.



Specialized laboratories



SMARTDEVICES



ENVIRONMENTAL TESTING



ELECTROMAGNETIC FIELDS. EMF



CALIBRATION



LEGAL METROLOGY



INTEROPERABILITY



PRIME COMMUNICATIONS CERTIFICATION



HIGH VOLTAGE



ELECTRIC ARC



DESC. PARTIAL AND ELECTROSTATIC



MATERIALS SYNTHESIS



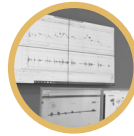
MATERIAL CHARACTERISATION



BATTERY TESTING



H2 BATTERIES



MODELLING-SIMULATION

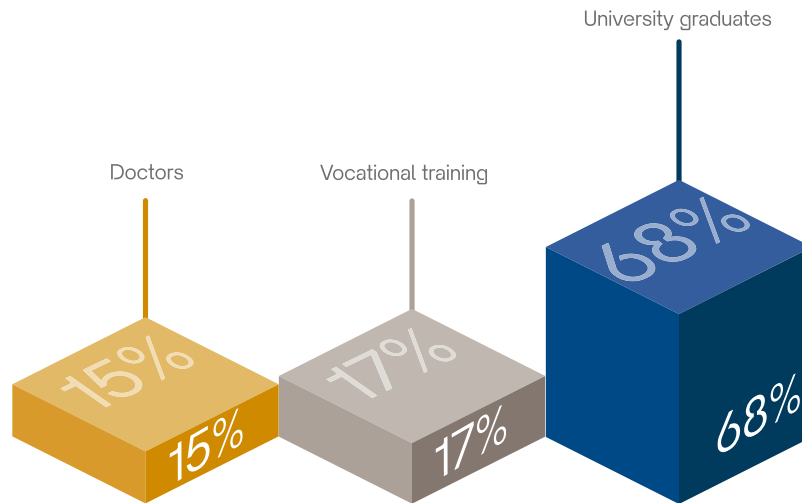


EV RECHARGE MANAGEMENT



DEMAND MANAGEMENT (GAD)

Human team



ITE ensures equal opportunities in which it firmly believes, which is why it has a powerful equality plan that includes equal treatment, equal rights and opportunities, as well as portfolio plans in which both men and women They can apply for positions of responsibility. ITE is distinguished by many aspects, but innovation and the generation of knowledge in the energy sector in each of its projects, always aimed at pursuing the solid values that characterize its activity, such as achieving the energy transition.

Training

4 official master's degrees:



Máster Universitario Gestión de Proyectos e Instalaciones Energéticas 12ª ED
master.ite.es



Máster Universitario en Gestión de Instalaciones Energéticas e Internacionalización de Proyectos 6ª ED
masteronline.ite.es



Máster Universitario en Gestión Ambiental 3ª ED
mastergestionambiental.ite.es



Master of Continuing Education in Battery Technologies
mbatt.uv.es



Improving the competitiveness of companies

R&D&I

We innovate to improve the competitiveness of companies through the development of technology



TRAINING

We train specialists in new technologies in the energy sector



ITE

INSTITUTO TECNOLÓGICO DE LA ENERGÍA

SERVICES OF LABORATORY

We assist in the development and certification of products, complying with international standards



TECHNOLOGICAL ADVICE

We advise on the new technological challenges of the energy sector, accompanying companies



Our sectors



ENERGY, WATER AND RENEWABLE HYDROGEN



CAPITAL GOODS AND ADVANCED ELECTRONICS



SUSTAINABLE MOBILITY AND AUTOMOTIVE



ENERGY STORAGE AND BATTERIES



CHEMISTRY AND MATERIALS



SUSTAINABLE HABITAT AND SMART CITIES



BIOTECHNOLOGY

