

# Energy efficiency services



Energy efficiency is one of the keys to a company's performance, as it allows energy consumption to be optimised in order to carry out the same activity. Energy efficiency, in addition to representing financial savings, also means competitiveness for companies, innovation and creation of economic activity and reduction of greenhouse gas emissions and atmospheric pollutants.

## We help you to optimise the energy efficiency of your installations

The energy transition is a major challenge for businesses, administrations and citizens and involves reviewing our modes of energy production, transformation and consumption. Reducing greenhouse gas emissions, lowering electricity bills, limiting and managing waste and optimising energy supply, including green energy, are all issues that affect energy policy.

The energy efficiency of a building, industry or facility can be improved already at the design stage (thermal insulation, orientation, efficient ventilation system, waterproofing works, etc.) and achieve of smart buildings to meet the new requirements for reducing energy consumption. In the case of older buildings, optimisation of energy performance is generally achieved through renovation and installation of more efficient solutions. For the latter, numerous public funding can be applied for to reduce the cost of the investment made.

### + Energy audits

#### Energy audits for compliance with RD 56/2026 and EU Directive.

- Analysis of the energy situation and evaluation of the operation and efficiency of current installations.
- Technical and economic feasibility analysis of improvement measures.
- Presentation of final report and assistance with registration with the competent body.

#### Investment-grade energy audits: industry and buildings.

- Detailed analysis of the current energy situation.
- Extensive measurement campaign to evaluate the operation and efficiency of facilities and processes.
- Exhaustive study of the technical and economic feasibility of the improvements identified.
- Energy saving and efficiency plan.

#### Energy audits in public lighting

- Inventory of facilities, evaluation of service quality and illuminance measurements on roads
- Identification and feasibility analysis of technological and service improvements, and optimisation of energy costs
- Transfer of information to GIS platform
- Assistance with grant applications and development of technical specifications

### + Energy certification of buildings

- Energy Efficiency Certificates (Ce3x, HULC, Cerma, Cypetherm He Plus).

### + Building Quality Control Entity

- Verification of Public Aid Actions.
- External Control of the Energy Efficiency Certificate.

### + CAEs (Energy Saving Certificates)

- Technical Office: pre-validation of potential savings, calculation of final savings and preparation of documentation in both standardised files and individual projects.
- IPMVP: implementation of a measurement plan to justify savings.

### + Carbon footprint

- Carbon footprint calculation: products/ services, organisations and events
- GHG mitigation and reduction plan



#### + Energy management and monitoring systems

- Consultancy for the implementation of ISO 50001.
- Implementation of energy monitoring and facility control systems.
- Permanent comprehensive energy management service.

#### + Energy consulting and studies

- Plans for measuring and verifying savings using the IPMVP international protocol.
- Management of public grant applications and preparation of technical reports and certificates for justification.
- Preparation of technical specifications for tenders and competitions.

#### + Sustainability

- Non-financial information reports: Law 11/2018 (EINF)
- ESRS and CSRD sustainability reports.
- Sustainable building certification: BREEAM, LEED, etc.
- Corporate plans in Environmental, Social and Corporate Governance (ESG)
- Life Cycle Assessment (LCA) and Environmental Product Declaration (EPD)

#### + Training

- Specialised technical training, either standardised or tailor-made, in face-to-face, e-learning and blended formats.

# About us

Apave is an international group specialising in the control of environmental, human and digital technical risks.

## Our business is to enable our clients to carry out theirs in complete safety

We assist our clients in managing the risks associated with their activities, with the aim of improving the safety of people and property, protecting the environment and optimising the performance of their facilities. We identify critical points, assess their impact and propose specific measures to minimise them. Our teams work closely with clients to help them make better decisions and achieve safer results.

We have 1,400 employees in Spain and Portugal and 18,000 worldwide, 30 offices in the Iberian Peninsula and islands, and an international presence in nearly 60 countries.

## 5 complementary activities



### Inspection and NDT

We verify the safety of your facilities and products and the regulatory or technical compliance of industrial establishments, buildings, equipment, infrastructure and processes.



### Testing and measurements

We analyse your situation through sampling, measurements, tests and trials.



### Certification and auditing

We guarantee the quality of processes through audits and the implementation of management systems. We certify your products and the skills of your staff.



### Consultancy and technical advice

We advise you on how to improve the health and safety of people and property, guarantee the safety of processes and works, preserve the environment, help you achieve your sustainability goals and optimise the performance and maintenance of your facilities, equipment and real estate assets.



### Training

We train your staff and develop the technical skills necessary for your activities, with a personalised approach.



**A trusted partner for a safer and more sustainable world, serving shared progress.**

## Contact

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