



## Energy Efficiency Unit Department

The Energy Efficiency Unit Department (DUEE) performs the functions assigned to ENEA by Italian Legislative Decree no. 115/2008 as the “National Agency for Energy Efficiency”, as the national institution of reference for the promotion of energy efficiency.

Its role is to support the country in achieving its decarbonisation targets by improving the efficiency of end-use energy, while complying with its obligations under EU directives.

### STRATEGIC OBJECTIVES

- Strengthen the role of the Energy Efficiency Agency as a national point of reference to accompany the country in the decarbonisation process
- Increase R&D in energy efficiency
- Increase actions aimed at improving the use of energy by public decision-makers, citizens and qualified professionals in the sector



### The organisational structure

**Energy Efficiency Unit Department (DUEE)**  
Director Ing. Ilaria Bertini

**Integrated Services for Territorial Development Division (DUEE-SIST)**  
Head Dr. Alessandro Federici

**Energy Efficiency Systems, Projects and Services Division (DUEE-SPS)**  
Head Ing. Giovanni Puglisi

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## Our mission

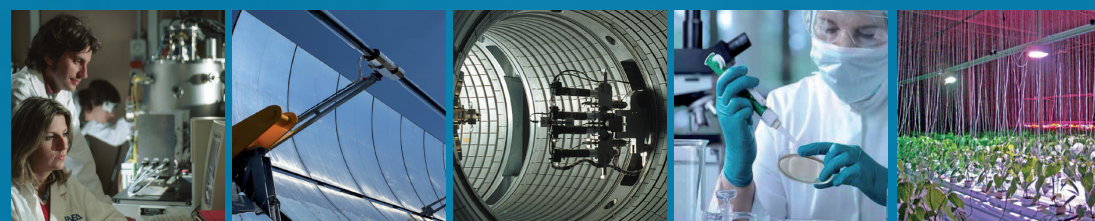
“ENEA is a public body with the aim of pursuing research and technological innovation, as well as providing enterprises, public administration and citizens with advanced services in the sectors of energy, the environment and sustainable economic development.”

*Act 28 December 2015, no. 22*

ENEA’s mission is to contribute to Italy’s competitiveness and sustainable development by conducting research and technology development activities in support of Public Administration, companies -particularly SMEs- and citizens.

ENEA comprises four Departments developing research, technology innovation and advanced services, with some 2,300 personnel composed of researchers, technicians and administrative staff distributed in 13 research centers throughout Italy.

ENEA has a 50 years’ experience in innovation and research in the fields of energy, new technologies and the environment.



ITALIAN NATIONAL AGENCY FOR NEW TECHNOLOGIES,  
ENERGY AND SUSTAINABLE ECONOMIC DEVELOPMENT



[enea.it](http://enea.it)



we research innovation



# Energy Efficiency

ITALIAN NATIONAL AGENCY FOR ENERGY EFFICIENCY



## Energy Efficiency Unit Department

The Department carries out its work in line with the National Integrated Energy and Climate Plan (PNIEC) and European programmes dealing with energy efficiency.

### The efforts of the Department are focused on:

- Providing technical support to the central administration to implement European directives, plan and monitor related measures, define and implement incentive policies;
- Offer a wide range of services aimed at promoting energy awareness among the public and ensuring the professional qualification of energy operators. These include conducting studies and analyses, developing methods, tools and products, supervising initiatives requiring tax deductions, certifying energy diagnoses, and providing training and information;
- Provide technical and scientific support to public administrations, industry and the service sector in order to promote and facilitate the adoption of energy efficiency measures, in keeping with energy-environmental sustainability criteria. It also ensures the uniform application of energy transition laws throughout the country using the ENEA network of local offices.

The Department offers specialised services, including through participation in national and international research and development programmes such as Electricity System Research aimed at implementing methods and demonstrators to promote energy efficiency, the dissemination of efficient technologies and the updating of the technological demand of the manufacturing world and public administrations.

Moreover, the “Italy in Class A” national programme implemented by ENEA and financed by the Ministry for the Environment and Energy Security included as an enabling reform in Measure 2, component 3, of the National Recovery and Resilience Plan created an innovative communication model based in a policy that goes from the institutional to the social, enabling the PA to take an active role in the cultural transition of its internal and external target, to promote energy efficiency through knowledge transfer and cross and multidisciplinary communication.

## Integrated Services for Territorial Development Division

The Division offers advice and technical/scientific support to administrations and local operators to define, implement and monitor national and European energy policies. One of the aims is to support planning and facilitate the adoption, adaptation and replication of exemplary energy efficiency measures and initiatives in local development processes, including in the framework of the national coordination of the Covenant of Mayors initiative promoted by the European Commission, ensuring a harmonised application of standards and laws throughout the country.

It also coordinates and manages the network of Integrated Energy Consultancy Centres (CCEIs) throughout the country, pooling experience and tools and promoting the dissemination of good practices and opportunities. This way, by linking technical and scientific demand from the region with the Agency's expertise, it optimises the resources available to promote energy efficiency and contributes to a sustainable future.

In order to support the improvement of energy efficiency at a regional level and to promote behavioural change among end users, the Division is engaged in the development of analyses and project proposals as well as in the provision of consultancy services and management tools for the Public Administration.

The Division is engaged in the creation of both popular and technical products at national and local levels, to raise awareness of the importance of energy efficiency among the population and employees of public and private entities. In order to contribute to the cultural and behavioural evolution of all those involved, it devises and develops communication and awareness-raising tools customised for the various stakeholder targets to be involved using the most widespread media together with multimedia, web and social media, including e-learning.

For operators and professionals in the energy efficiency sector, the Division provides training, refresher and qualification courses in accordance with European and national standards. It also develops and implements IT tools, ensuring the management and constant updating of the applications and databases developed, offering concrete solutions and technical/scientific support to ensure the adoption of best practices and technologies. In this manner it fully realises the digital transformation process in the energy efficiency chain.

## Energy Efficiency Systems, Projects and Services Division

The Energy Efficiency Systems, Projects and Services Division (DUUE SPS) deals with the development of innovative solutions and methods to improve energy efficiency and achieve national decarbonisation targets. Its objective is to boost the competitiveness of the production fabric through the transfer of knowledge and advanced technological solutions aimed at optimising processes and reducing energy consumption.

As a technical/scientific support of the central administration, it deals with the implementation of European directives, programming and monitoring of incentive measures, verifying the achievement of national targets for energy efficiency policies. Moreover, it directly handles the technical/operational aspects of procedures to access “tax deductions” by providing assistance to the competent Ministry in the definition of regulatory and normative acts.

Its team collects incentive applications and compiles statistics for monitoring. It also promotes, informs, equips and assists end-users to ensure that they are able to adopt energy efficient practices.

The Division has the task of managing the mechanism related to the obligation of drafting an energy diagnosis for large enterprises and energy-intensive companies in accordance with Italian Legislative Decree 102/2014, article 8. This means that it is responsible for the database of diagnosed companies through the 102 Audit Portal, ensuring that the diagnoses submitted are compliant. It coordinates energy efficiency projects under the Programme Agreement with the Ministry of the Environment and Energy Security for Electricity System Research. It also participates in national and international research programmes to implement methods, studies, analyses and demonstrators that foster the replicability and dissemination of efficient technologies.

It is also involved in technical round tables at the national level on technical regulations and the transposition of EU Directives and Regulations into law. At the international level, it engages in networking with international bodies, agencies and organisations to share information and good practices. It provides technical and scientific support to companies in the implementation of energy efficiency improvement policies, especially SMEs. In this context, it also develops sector analyses for projects to improve the efficiency of production processes, promoting the spread of energy audits and energy management systems in all industries.

It develops and provides information and training materials such as guides, handbooks and guidelines to promote and disseminate good practices and facilitate access to incentive schemes for energy-saving measures and the use of renewable energy sources, facilitating the implementation of government policies on energy efficiency.

### Main activities

- Integrated Energy Consultancy Centres (CCEIs)
- Regional and local energy plans and their implementation plans
- Analysis and evaluation of the impact of implemented actions and good practices at the local level
- Regional and local policies and funding sources
- National Covenant of Mayors coordination
- Regional registers of Energy Performance Certificates (EPCs)
- Regional registers of heating plants
- Courses for heating plant inspectors and EPC certifiers
- Energy Performance Certificate information system - SIAPE
- Annual Report on the Energy Certification of Buildings
- National Portal on the Energy Performance of Buildings
- Public engagement studies and actions on the multiple benefits of behavioural change
- “Class A Italy” Energy Efficiency Information and Training Programme
- Content for the ENEA Energy Efficiency website and DUUE Department social pages



### Main activities

- WEEE National Energy Efficiency Report
- Annual Report on Tax Deductions
- Electrical System Research
- Tax deductions for energy efficiency and the use of renewable energy sources in existing buildings
- 102 Audit Portal
- Participation in the concerted actions to implement the Energy Efficiency Directive (EED) and Energy Performance of Buildings Directive (EPBD)
- Sectoral guidelines for the energy diagnosis of companies
- Handbook for the public: Key tips for the correct setting of gas heating systems
- Guide “Dividing heating expenses in apartment complexes”

