



European Energy Network

The voluntary network of European Energy Agencies - at the heart of the clean energy transition

Name and Country of EⁿR Member

ENEA - Italy



ES-PA - Italy



Name of Project/Programme & Link to website

Energy and Sustainability for Public Administration (ES-PA)

Duration: 6 years starting in January 2018

Budget: 9,669,400 €

Funding programme: National Operational Programme (PON) - Governance and institutional capacity 2014-2020

Partnership: ENEA and Italian Agency for Territorial Cohesion

<https://www.espa.enea.it/>

Description of Project

Main technical assistance activities carried out in the framework of this project include the following ones:

- Methodology for the development of the Regional Energy Balance;
- Methodology for the development of scenarios to support regional energy planning;
- Tool-box for database and data processing on the energy system at the territorial level; and Tool-box for data analysis on tax deductions of 65% for the energy requalification of buildings;
- Guidelines for energy audits of public buildings;
- Technical support for the audits and energy efficiency of public buildings;

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- Seminars and webinars on technical and financial aspects of energy efficiency and energy saving in public buildings;
- Guidelines on regulatory aspects of renewable and sustainable energy production facilities;
- Technical report on technologies for energy efficiency improvement and management of networks and micro-networks of power generation plants, also from non-renewable sources, integrated with energy storage systems;
- Tools for the economic-environmental evaluation of technological and management solutions applied to integrated energy networks and micro-networks;
- Information seminars on production plants from renewable sources and energy networks and micro-networks;
- Technical guidelines and seminars on energy diagnostics in SMEs;
- Software for self-assessment of the energy efficiency of the SME;
- Technical guidelines and seminars on the use of biomass in business processes;
- Technical guidelines on the use of renewable and sustainable energy sources and energy efficiency in agricultural enterprises;
- Technical reports on material recycling and re-use technologies and Technical guidelines for the production of biogas and compost from organic waste;
- Software for the estimation of CO₂ emissions from national and regional programmes financed with European funds;
- Guidelines and technical support for the construction of green infrastructure in urban environments;
- Tools for awareness-raising campaigns on the efficient use of sustainable energy;



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Aim/Expected Impact of Project

The ES-PA project represents the outcome of the Specific Objective 3.1 of the National Operational Programme (PON) - Governance 'Improvement of multi-level governance and administrative and technical capacity of public administrations in public investment programmes' through horizontal actions engaging institutions and public administrations, such as national authorities, regions and cities, to upgrade supervision and efficiency of the decision making process of multi-level governance of public investment programmes.

The Project is divided into three general objectives focused on improving the skills of the targeted regions and local authorities concerning:

- General objective 1: the implementation of policies and the design of instruments for energy saving in the public sector;
- General objective 2: the implementation of policies and the design of instruments for energy saving in the production sectors;
- General objective 3: the adoption of an integrated vision of the different areas of intervention to stimulate virtuous processes with a view to circular economy and sustainable production processes.

Involvement of the Agency and Link to the EU Green Deal

- **Smart Integration**
- **Circular economy**
- **Renovation Wave**

ENEA, operates in support of the entire national territory through products and services that will be made available and disseminated to all regional and territorial administrations, with particular attention to developing regions and those in transition.

Main fields of intervention include the following ones:

Regional energy programming;

- Energy efficiency, seismic safety and environmental certification of public buildings;
- Smart city and intelligent lighting;
- Systems for the production of sustainable energy from renewable sources;
- Energy efficiency and renewable sources in small and medium-sized enterprises;
- Circular economy and industrial symbiosis;
- Integrated approach to territorial development;
- Electric smart grids.