

The Company

Ippocrate AS, where AS stands for Alternative and Sustainable, was founded in Catania in 2004. It's also known as **IPPOenergy** and is an engineering company with its focus in the field of renewable energy and energy efficiency services. The choice of the name of the father of modern medicine, Hippocrates of Kos, supporter of the theory according to which equilibrium is identified with health, comes from the belief that the rational and balanced use of energy sources represents the ideal solution for sustainable development.

Public funding sources to improve the energy efficiency of customers: this is our expertise and mission.

Plants producing energy from renewable sources for reduction of energy costs are our main business. As EPC Contractor (Engineering, Procurement and Construction) **IPPOenergy** drafts the project and it's responsible for its implementation, taking care of every single aspect either through its own resources or by subcontracting part of the work. According to **IPPOenergy** experience the construction of plants to produce energy from renewable sources is a profitable investment, especially for energy-intensive users.

Over the years **IPPOenergy** has developed a rich portfolio of customers: private companies, public administrations and also customers in the residential PV, with the product called Quick Solar.

The Group



IPPOenergy is a partner of JO (www.jogroup.eu), an organic system of SMEs and non-profit organizations operating in the fields of management consulting, renewable energy and web applications.

Core Business

1. Solar Photovoltaic Plants

Cost Savings and Energy Independence.

- Site analysis, technical and economic feasibility study to identify the best solution to meet customer's needs;
- Development of the preliminary project and connection to the electricity grid;
- Development of the final and executive project;
- Development of a time schedule for work implementation;
- Supervision of works;
- Supply and plant setup;
- Testing of building and masonry works;
- Post-installation consulting and management of relations with the competent authorities;
- Development of turnkey plants as EPC Contractor (Engineering, Procurement and Construction);

Photovoltaic Maintenance

- Cleaning and maintenance of PV plant;
- Check-up of mechanical and electrical parts;
- Check-up of plant's production and remote control management;
- Assistance in managing relationships with third companies;



2. Wind Plants

The profitable way to take advantage of the wind.

- Qualification of the site
- Analysis of technical and economic feasibility of the investment
- Business plan of the investment
- Authorization process
- Logistic activities
- Building of the plant
- Connection to the grid

3. Geothermal Plants

The natural climatic comfort at low cost.

Consulting and design of geothermal “low-temperature” energy plants that exploit the subsoil as a reserve from which to extract thermal heat during the winter season and to whom cede heat during the summer season.

Costs for heating - cooling an environment are very high both whether you use electricity or traditional systems with gas boiler.

The use of geothermal systems, in conjunction with works to improve energy efficiency of buildings, can overcome this problem. The possibility of producing, as well as hot water for heating and sanitary use, cool water during summer makes geothermal systems the ideal alternative to traditional systems. A



geothermal system uses free energy not dependent from the outside temperature, ensuring system operation for 365 days a year by enclosing in a single system the same functions normally delegated to two different devices, boilers and air conditioners.

The principle of operation is based on simple physical laws: it exploits the properties of the Earth's mantle in which to a certain depth the temperature is always constant.

4. Stand-Alone Plants

The correct management of the energy produced by a renewable energy plant is very important. A plant is more profitable when the user is capable of consuming the self-produced energy and so saving the costs of energy supply.

Thanks to a correctly sized storage system, **IPPOenergy** realizes plants able to maximize the consumption of the energy produced in site and accumulate the energy not consumed. This energy will be made available by the system during the hours of non-production reducing the cost to get energy from the grid.

5. Energy Certification for Buildings

IPPOenergy provides a service of energy certification which is mandatory for new construction and for property transfer.



Products

e-Cut

Save money without sacrificing the energy you need.

e-Cut (Energy Cost Used Tailored) is the **IPPOenergy** product to reduce the power bill of public bodies and companies.

The service includes:

- Definition, implementation and management of an Energy Management System;
- Periodic verification of the correct use of energy by planning and conducting energy audits to check the energy balances, in order to assess the best technological choices and propose appropriate adjustments;
- Consultancy on contracts to minimize supply costs;
- Power factor correction in order to reduce phasing costs in electricity bill;
- Minimization of the cost of imbalance;

IPPOcare

For maximum profitability of your plant and the guarantee to remain in compliance with the regulatory requirements.

A complete service in one product:

- Planning and implementing PV plants
- Cleaning and maintenance service
- Check-up of mechanical and electrical parts
- Technological updates
- Consulting on administrative issues



Quick Solar

The experience of primary Sicilian ESCo at the service of small size plants.

- Site analysis, technical and economic feasibility study to identify the best solution to meet customer's needs;
- Development of the preliminary project and connection to the electricity grid;
- Development of the final and executive project;
- Development of security plan for the site;
- Supervision of works;
- Supply and plant setup;
- Testing of building and masonry works;
- Post-installation consulting and management of relations with the competent authorities;