

- Category: Reorganization of historical buildings in rural ground
- Case History: Ayii Anargyri Natural Healing Spa Resort.

 **CYPRUS**  
Cyprus Chamber Of Commerce and Industry

Project cofinanced by



Lead Partner





- Category: Reorganization of historical buildings in rural ground
- Case History: Ayii Anargyri Natural Healing Spa Resort.



Location Miliou village in Paphos

Date 2009



#### ●●● Context

Ayii Anargyri spa resorts has a history of over 5 centuries, since the time that Kosmas and Damianos discovered the healing sulfur water and healed people free of charge, for rheumatism, arthritics and skin diseases.

When they died the church named Ayii Anargyri, which it means saints without silver / without payment. The monastery of Ayii Anargyri was built on the 17th century and destroyed during the Ottomans Empire. Around 1912 an Inn was built and the sulfur waters were used in common baths to heal people, but this time with payment.

#### ●●● Description

In the spring of 2009 Ayii Anargyri Spa resort opened its doors to present to the world a sublime experience. Set in a valley of mature trees, the resort offers a unique retreat, a place of profound calm and the opportunity to enjoy the health-giving waters which have benefited visitors for so many years.



- Category: Reorganization of historical buildings in rural ground
- Case History: Ayii Anargyri Natural Healing Spa Resort.



The spa resort consists of 56 rooms and bungalows, bar, restaurant, cava, conference room and a spa of 2500 m<sup>2</sup>, making it the only real healing spa resort in Cyprus and neighbored countries.

This boutique hotel with accommodation for 150 guests, has dedicated spa facilities in the grounds, a generous swimming pool and conference facilities for 50 people.

The idea / concept was to design a spa resort with the following criteria: to respect the environment and the existing old trees, to keep the original monastery architecture on the exterior of the buildings using stone, wood, roof, tiles etc and modern design on the interior, to use the sulfur water through modern machinery and technologies and to use renewable energies to cover part of the final energy consumption.

Through the architecture proposal, presented the necessary conditions for implementing technological methods to make the project as a model of energy-friendly building, without altering the architectural philosophy and the environment.





- Category: Reorganization of historical buildings in rural ground
- Case History: Ayii Anargyri Natural Healing Spa Resort.



The main objectives of construction are that the delineation and the volume of the building can not be buried in the surrounding area of the construction.

The building complex applies an integrated energy policy, aimed at the building through the construction and operation, not environmental burden on the local climate and reduces, also the production of air pollutants.

The development of the complex was of particular importance to the basic characteristics of the region: water, trees, the earth and the local climatic conditions!

Thus, the use of the above blends the traditional with the modern building, offering a green building low energy running costs.

The existence of the water in the whole project is subtle and offers unique moments of relaxation during the summer months. Small lakes and waterfalls that are scattered throughout in several points of the project, combined with sulphurous water that come out directly from the mountain, giving a great sense of comfort, improving the microclimate of the area.



- Category: Reorganization of historical buildings in rural ground
- Case History: Ayii Anargyri Natural Healing Spa Resort.



The renovation of the old monastery and the church made with the use of traditional local materials, according to traditional architecture, using white stone, wood and lime, while the new building have used modern materials like concrete, steel and bricks, which were covered by local type rocks, as well as the old structures.

Additionally, there was extensive use of thermal insulation materials for walls and ceilings (mineral wool and extruded polystyrene). All windows are double glazing type with low-e glasses or laminated single type, compared with the use.

**The whole project is funded by the European Regional Development Fund, as well as national development agroturism Plans.**





- Category: Reorganization of historical buildings in rural ground
- Case History: Ayii Anargyri Natural Healing Spa Resort.



### ● ● ● Evaluation

Ayii Anargyri Natural Healing Spa Resort is unique of its kind in Cyprus, where the use of renewable energy were part of the basic design of the building and covers over 40% of final energy consumption in electricity, space heating and cooling and heating of spa services, swimming pools and domestic hot water needed.

The building use the follow renewable energy sources:

- Photovoltaic system to generate the electricity to run the pumps for the swimming pools for both spa and hotel,
- Solar Energy Systems are used for the heating of both shulphur and normal water for the sanitary fittings for both spa and hotel, also for part heating of the swimming pools,
- Geothermal VRV Heat Pump system for space heating and cooling of the spa and the hotel. For the cooling system we are using water cooler VRV system,
- Sewage Treatment plan that is been used for the irrigation of the gardens of the hotel and the spa.



- Category: Reorganization of historical buildings in rural ground
- Case History: Ayii Anargyri Natural Healing Spa Resort.



### ●●● Potential for transferability

The coexistence of renovated old and new modern building is a challenge for Mediterranean countries, where architecture can be tied in perfectly with the use of economically sustainable energy-saving technologies and renewable energies. The Ayii Anargyri Natural Healing Spa Resort is a practical confirmation of the above.

The result is a proof that the benefit of such environmentally sustainable investments are not only economic but also social good, where rest, relaxation and hospitality coexist with a technologically pioneering work.





Project cofinanced by



European Regional Development Fund



Lead Partner

- Province of Savona (ITALY)



Project Partner

- Region of South Aegean (GREECE)
- Read S.A. (GREECE)
- Local Energy Agency Pomurje (SLOVENE)
- Agência Regional de Energia do Centro e Baixo - Alentejo (PORTUGAL)
- Official Chamber of Commerce, Industry and Shipping of Seville (SPAIN)
- Rhône Chamber of Crafts (FRANCE)
- Development Company of Kefalonia & Ithaki S.A. - Kefalonia (GREECE)
- Chamber of Commerce and Industry Drôme (FRANCE)
- Cyprus Chamber Of Commerce and Industry (CYPRUS)
- Chamber of Commerce & Industry Marseille Provence (FRANCE)

