

## ***Areas of Consulting Expertise***

### **RELEVANT STUDIES IN THE ENVIRONMENTAL , HEALTH AND SAFETY AND RISK ASSESSMENT IN THE ENERGY FIELD**

AEOLIKI and its associates have prepared more than 400 environmental impact and technical studies in Cyprus, Greece and Europe funded by the private sector, Government Departments (Ministry of Public Works, Ministry of Agriculture, Natural Resources and the Environment, Ministry of Commerce, Industry and Tourism), Semi-Government Organisations (Electricity Authority of Cyprus, Cyprus Petroleum Refinery) and European Commission.

#### **ENERGY FIELD**

- Development of 41.6 MW PV Park in Northern Greece, Funded by an International Investment Fund, Duration 12 months (2012-2013)
- Development of 20 MW PV Park in Northern Greece, Funded by an International Investment Fund, Duration 12 months (2012-2013)
- Development of 15.1 MW PV Park in Northern Greece, Funded by an International Investment Fund, Duration 12 months (2012-2013)
- Development of 41 MW PV Park in Central Greece, Funded by an International Investment Fund, Duration 12 months (2012-2013)
- Development of 20 MW PV Park in Southern Greece, Funded by an International Investment Fund, Duration 12 months (2011-2012)
- Development of 40 MW Hydroelectric Power Station at Aliakmonas river, Greece, Funded by an International Investment Fund, Duration 24 months (2011-2013)
- Development of 12.5 MW Hydroelectric Power Station at Evros river, Greece, Funded by an International Investment Fund, Duration 18 months (2012-2013)
- Development of 58 MW Wind Farm in Romania, Funded by China Investment Bank, Duration 24 months (2012-2014)
- Development of 30 MW Wind Farm in Romania, Funded by China Investment Bank, Duration 24 months (2012-2014)
- Development of 2MW PV Park at Polemidia Limassol, Cyprus. Funded by Rafalia Ltd. Duration 6 months (2011-2012)
- Development of 3.5 MW PV Park at Apsiou, Limassol, Cyprus. Funded by Rafalia Ltd. Duration 6 months (2011-2012)
- Development of 1.7 MW PV Park at Monagroulli, Limassol, Cyprus. Funded by Rafalia Ltd. Duration 6 months (2011-2012)
- Development of 4.5 MW PV Park at Koutrafas, Nicosia, Cyprus. Funded by Rafalia Ltd. Duration 6 months (2011-2012)

- Development of 3 MW PV Park at Anogyra, Limassol, Cyprus. Funded by Rafalia Ltd. Duration 6 months (2011-2012)
- “Development of 6.7 MW PV park at Athienou, Larnaka Cyprus. Funded by private investor. Duration 6 months (2011-2012).
- Development of 3 MW PV Park at Ypsonas, Limassol, Cyprus. Funded by private investor. Duration 6 months (2011-2012)
- Development of 2 MW PV Park at Anogyra, Limassol, Cyprus. Funded by private investor. Duration 6 months (2011-2012)
- “Development of 3.5 MW PV park at Malounta, Nicosia Cyprus. Funded by D&D SUN ELECTRICITY Ltd. Duration 6 months (2011-2012).
- “Development of 1.6 MW PV park at Zygi/Psematismenos, Larnaka Cyprus. Funded by D&D SUN ELECTRICITY Ltd. Duration 6 months (2011-2012).
- Development of 1MW PV Park at Silikou, Limassol, Cyprus. Funded by Filitelo Developments Ltd. Duration 6 months (2011-2012)
- Development of 1.2 MW PV Park at Kouris, Limassol, Cyprus. Funded by LANDWIND ENERGY Ltd. Duration 6 months (2011-2012)
- Development of 6 MW PV Park at Meneou, Larnaka, Cyprus. Funded by CLP Ltd. Duration 6 months (2011-2012)
- Development of 2.7 MW PV Park at Apesia, Limassol, Cyprus. Funded by private investor. Duration 6 months (2011-2012)
- “Development of 20 MW PV park in Romania. Funded by a private investor. Duration 18 months (2011-2012).
- “Development of 50 MW PV park in Bulgaria. Funded by a private investor. Duration 18 months (2011-2012).
- “Quality Assurance, Environmental Management, Health & Safety Management of a 5 MW Photovoltaic Park in Meligalas – Greece. Funded by ROKAS ELIAKI LTD. Duration 4 months (2010-2011)
- Quality Assurance, Environment Management and Health & Safety management of the Civil Works of a 82MW Windpark in the Oreites area - Pafos - Cyprus. Funded by D.K WINDSUPPLY Ltd. Duration 14 months (2009-2010)
- “Wind Assessment and Technoeconomic Study for a 25 MW Windpark in the Kouris area - Limassol - Cyprus. Funded by M. MANOLI Ltd.. Duration 12 months (2011-2012).
- “Wind Assessment and Technoeconomic Study for a 39 MW Windpark in the Agioi Trimithias area - Nicosia - Cyprus. Funded by EOLI Ltd. Duration 12 months (2009-2010).
- “Wind Assessment and Technoeconomic Study for a 42 MW Windpark in the Panagia area - Paphos - Cyprus. Funded by K.D WIND. Duration 12 months (2009-2010).
- “Wind Assessment and Technoeconomic Study for a 60 MW Windpark in the Ineia area - Paphos - Cyprus. Funded by D. KONSATNDINIDES Ltd.. Duration 12 months (2010-2011).
- “Wind Assessment and Technoeconomic Study for a 40 MW Windpark in the Chilianemia area - Larnaka - Cyprus. Funded by K.E. AERODYNAMICS Ltd.. Duration 30 months (2005-2007).

- “Wind Assessment and Technoeconomic Study for a 143.5 MW Windpark in the Oreites area - Pafos - Cyprus. Funded by D.K WINDSUPPLY Ltd.. Duration 30 months (2005-2007).
- “Wind Assessment and Technoeconomic Study for a 52 MW Windpark in the Agios Theodoros area - Larnaka - Cyprus. Funded by K.E. AERODYNAMICS Ltd.. Duration 30 months (2005-2007.).
- “Wind Assessment and Technoeconomic Study for a 20 MW Windpark in the Athienou area - Larnaka - Cyprus. Funded by private investor. Duration 18 months (2003-2004).
- “Wind Assessment and Technoeconomic Study for a 52 MW Windpark in the Lymbia area - Larnaka - Cyprus. Funded by ZELIONE Ltd. Duration 24 months (2005-2007).
- “Wind Assessment and Technoeconomic Study for a 20 MW Windpark in the Kelaki area - Limassol - Cyprus. Funded by AIOLIKI AKTH Ltd. Duration 18 months (2004-2005).
- “Improving Techniques for Statistical and Physical Modelling of Wind Resources in Complex Terrain” Funded by the Directorate General DG XII of the Commission of European Union in the framework of the JOULE Programme. Duration 2 years (1994-1995).
- “Utilization of solar energy as a supplement to conventional energy production for heating and hot water in Greece” Research Project, Greek Ministry of Industry.
- “Assessment of the optimal operating conditions of a power station boiler using a combustion simulation numerical model” Research Project, Greek Ministry of Industry.
- “Mediterranean co-operation for water desalination policies in a sustainable development (MED-CO-DESAL)” Funded by the Directorate General XII/B. INCO – DC Programme. Duration 3 years (1997-2000).
- “Development of infrastructure for inspection and maintenance of central heating boilers in the municipality of Athens for fuel saving and pollution control” Funded by the Directorate General XVII. SAVE Programme. Duration 2 years (1994- 1996).
- “Optimal Integration of a Medium Size Wind Turbine in the Local Electricity Grid of a small Greek Island” Funded by the Directorate General XVII of Energy of the Commission of the European Union. Duration 3 years.
- “Water Pumping Using a 150 KW Grid Connected Wind Turbine for Crete Island”, Funded by the Directorate General XVII of Energy of the Commission of the European Union. Duration 3 years.
- “Optimal Integration of a Medium Size Wind Turbine in the Local Electricity Grid of Agios Efstratios Island” Funded by the Local Municipality of Agios Efstratios.
- “Etude de l’écoulement a l’intérieur d’une machine hydraulique” Funded by Electricite de France (EDF). Duration 6 months.