

## ***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.

#### **Hydrocarbon Exploration, Production and Process**

Since 2008 we are active participants in the Hydrocarbon Exploration activities in Cyprus, providing services to both the public sector (Ministry of Energy; “Strategic Environmental Assessment of the Hydrocarbon Exploration activities in the Cyprus EEZ”), as well as the private sector (NOBLE ENERGY INC; “Environmental Impact Assessment of A1 Drilling activities in Block 12”, “Waste Management and Monitoring of A1 and A2 drilling activities in Block 12”, GENESIS and ACORN Inc, “Cyprus Legal and Regulatory Hydrocarbon Registry” etc)

- “Implementation and Monitoring of Waste Management Program during A1 and A2 Exploration activities of Block 12 Offshore Cyprus”. Contract with NOBLE ENERGY Inc (2010-2014);
- “Performance Assessment and Audit of the Environmental Monitoring Plan for the Block 12 Appraisal Drilling Program”, Funded by NOBLE ENERGY Inc (2013-2014);
- “Development and Implementation of the Environmental, Monitoring and Audit Programme for the Exploration Drilling A2 at Block 12, Offshore Cyprus”, Funded by NOBLE ENERGY Inc (2012-2014);
- “Development of an ‘Environmental, Legislative, Permits and Consent Plan’ for NOBLE’s offshore and onshore Cyprus development activities”, Funded by GENESIS Ltd (2012)
- “Implementation and Monitoring of Waste Management Program during A1 and A2 Exploration activities of Block 12 Offshore Cyprus”. Contract with NOBLE ENERGY Inc (2010-2014);
- “Development and Implementation of the Environmental, Monitoring and Audit Programme for the Exploration Drilling A1 at Block 12, Offshore Cyprus”, Funded by NOBLE ENERGY Inc (2010-2011);
- “Development of an Environmental, Health and Safety (EHS) Risk and Regulatory Register for NOBLE’s on-going and potential future activities in Cyprus”. Funded by ACORN Inc (2011);
- “Planning and Planning Advice on the subject of Installations for the receipt of Crude Natural Gas and for Handling and Processing it until its entry into the Israeli Transmission System”. Funded by Israeli Ministry of Infrastructure (2011- 2012);

- “Environmental Impact Assessment Study for the construction works and operation of the onshore and offshore installations and pipelines for the receipt of Crude Natural Gas”. Funded by the Israeli Government (2011-2013);
- “Environmental Impacts Assessment of Exploratory Drilling A1 at Block 12 Offshore Cyprus”. Funded by NOBLE ENERGY Inc (2010-2011)
- “Strategic Environmental Assessment concerning the Hydrocarbon Activities in the Exclusive Zone of the Republic of Cyprus”, Funded by the Ministry of Commerce, Industry and Tourism (2008);
- “Environmental Impact Assessment Study for the construction works and operation of an onshore CNG installation at the Vasilikos area”. Funded by private investor (2011-2012);
- “Development and Implementation of the Environmental Monitoring and Audit Programme for the Operational Phase of the EDT OFFSHORE HELISERVICES Helipad;
- “Environmental Impact Assessment Study for the construction works and operation of the Cyprus Energy Centre at Vasiliko”. Funded by the Ministry of Commerce, Industry and Tourism. Duration 8 months (2005 - 2006);
- “Environmental Impact Study of a 225 MW Combined Cycle Diesel / NG Power Station”. Funded by PEC Power Energy Ltd. Duration 2 years (2012-2014);
- “Environmental Impact Study of Vassilikos Floating LNG Power Station offshore of the Vassilikos Energy Center”. Funded by SAIPEM/GOLAR LNG consortium. Duration 6 months (2005);
- “Environmental Impact Study of a 50 MW Combined Cycle HFO/ NG Power Station”. Funded by VIPP Ltd. Duration 2 years (2012-2014);
- “Environmental Impact Study of Vassilikos 230 MW Onshore LNG Power Station”. Funded by INTERCHELECTRO. Duration 3 years (2006-2009);
- “Environmental Impact Study of the works for the conversion of the Cyprus Petroleum Refinery (CPRL) to a fuel storage facility”. Funded by Cyprus Petroleum Refinery. Duration 3 months (2004);
- “Environmental Impact Study of the CPRL upgrading project: isomerisation unit, desulfurisation unit, THIOPAQ unit, hydrogen unit, waste water treatment plant”, Funded by Cyprus Petroleum Refinery Larnaca. Duration 6 months (2001);
- “Development of an emissions inventory that will include the creation of an air emission database and the purchase of a software for the simulation of Ambient Air Quality”, Funded by Department of Labour Inspection, Ministry of Labour and Social Insurance, (2007-2011);
- “Environmental Impact Study of Larnaka International Airport Fuel Farm”, The study refers to the assessment of the environmental effects (positive and negative). Funded by HERMES AIRPORTS Ltd. consortium. Duration 6 months (2008);
- “Implementation of the Integrated Pollution Prevention and Control (IPPC) Directive in Slovak Republic”, The overall of the project is to achieve the full alignment of the Slovak Environmental Legislation with the acqui in the field of the European Directive 96/61 /EC on the IPPC. Funded by MEDA Programme. Duration 3 years (2003 – 2005);

#### **Safety and Risk Assessment Reports**

- “Accident scenarios of LPG installation at Geri Cyprus”, Funded by BLUE CYRCLE Cyprus. Duration 4 months (2010);

- “Risk Assessment and Safety Reports of the new Larnaca international Airport”, 2009.
- “Risk Assessment and Safety Reports of the new Pafos international Airport”, 2008.
- “Accident scenarios of the new Fuel Farm of the Larnaca International Airport”, Funded by HERMES AIRPORTS Ltd. consortium. Duration 6 months (2009);