


Certification Consultancy Services

Become Efficient, Save Energy Today

With 35 years of experience, Asprofos Engineering offers technical services in the Oil & Gas Sector as well as other Process Industries. Asprofos has created recently a strategic alliance with ENNOUS, in order to provide consultancy services for Management System Certification according to reputable International Standards. Our new services offer reliable guidance to companies to effectively introduce and adopt organizational standards and best practices for their business processes. This dynamic and effective implementation of working practices leads to improved business performance and reduced risk while fostering a culture of continuous improvement. The introduction of valuable organizational provisions in your company through our services will lead to successful certification of corporate management systems according to the following established standards:

- ISO 50001 – Energy Management Systems,
- ISO 9001 – Quality Management,
- ISO 14001 – Environmental Management,
- OHSAS 18001 – Occupational Health and Safety and more.



 EN ISO 9001:2008 Approval Certificate No PIR 360294
ELOT 1429:2008 Approval Certificate No PIR 360294/A
EN ISO 14001:2004 Approval Certificate No PIR 360294/B
OHSAS 18001:2007 Approval Certificate No PIR 360294/C

ENNOUS

BUSINESS DEVELOPMENT COMPANY

EN ISO 9001:2008
EN ISO 14001:2004

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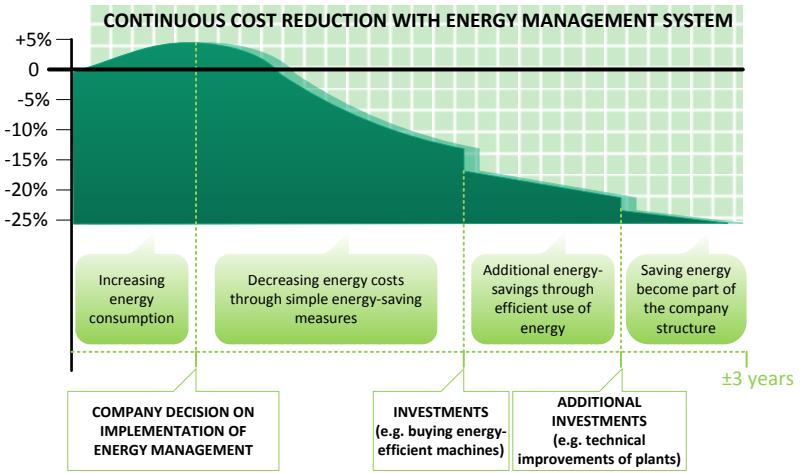
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REDUCE COSTS – INTRODUCE ISO 50001, THE ENERGY MANAGEMENT SYSTEM

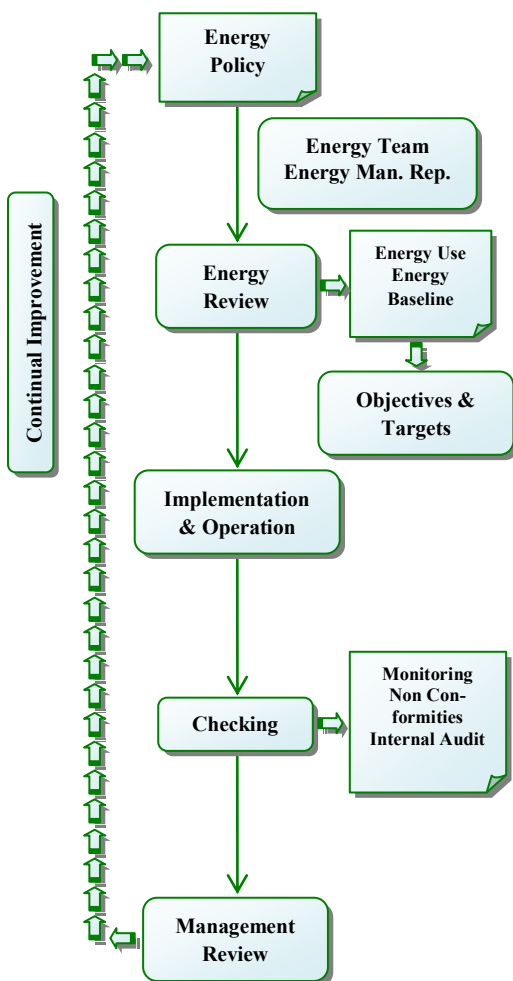
Fossil fuels such as petroleum, coal, and natural gas make up the bulk of the world's current primary energy sources. They are not renewable and are a major source of greenhouse gas emissions, leading to concerns about global warming if consumption is not optimized. Making better and more rational use of energy and managing our energy use more efficiently has become essential for the sustainable development of our society.

Standardization can contribute to this objective by promoting best practices and providing organizations with the tools to design sound policies, optimize installations and systems, and improve energy efficiency.



Energy Management System

According to ISO 50001 Energy Management System is a 'set of interrelated or interacting elements to establish an energy policy and energy objectives, as well as processes and procedures to achieve those objectives'. Basically it is a systematic way to unlock and expand energy savings.



Key Elements

It is an **energy policy** with commitment for improving energy performance (energy efficiency, use of renewable energy sources, use of alternative fuels etc). It is the formation of an **Energy Team** and the appointment of an **Energy Management Representative** to coordinate activities. It is an **energy review** to identify significant **energy use** for all activities. It is the calculation of an **energy baseline** to enable the organization to measure and then improve at a rhythm appropriate to its capacities. It is the identification of improvement opportunities, the definition of priorities, and the setting of appropriate **objectives and targets**. It is the action planning for meeting these targets and achieving improved **energy performance indicators**. And many others related to Energy measuring, identification and conformance to regulations, training, awareness, communication, purchasing and design with energy considerations, auditing, correcting, preventing, reviewing and improving.

The main quality philosophy interweaved in all management standards is also present in ISO 50001.

Rendered Services

- Training on how to implement, audit and improve a EnMS
- Specialised Energy training (e.g how to establish the Energy Baseline, how to conduct a review, how to verify energy improvement etc)
- Consultancy services to introduce new procedures and write the necessary documentation
- Facilitation of the operation of the Energy Team and support to the Energy Manager in various specialised tasks
- Execution of Energy Audits and support during certification

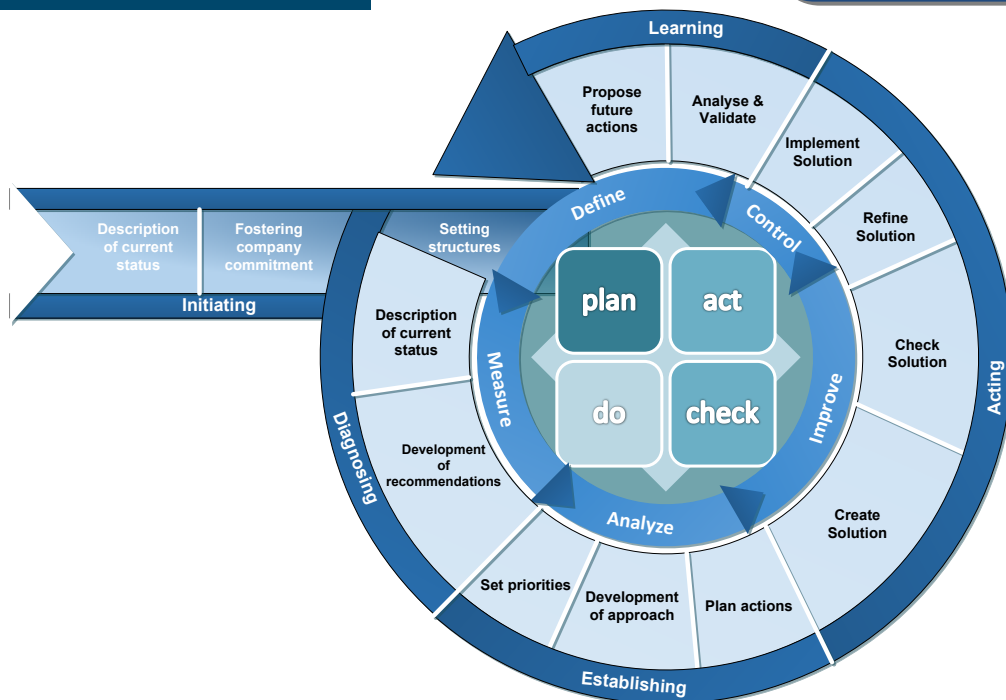
**ASPROFOS—ENNOUS
CERTIFICATION PROJECT SERVICES**

Management System
 Quality (ISO 9001)
 Environment (EMAS, ISO 14001, ECO-Label)
 Health & Safety (OHSAS 18001)
 Energy (ISO 50001, EN 16001)
 Food Safety (ISO 22000, IFS, BRC)
 Laboratory (ISO 17025, ISO 15189)
 Information Safety (ISO 27001)
 Corporate Social Responsibility (ISO 26001, SA 8000, GRI)

Audits
 Management Systems Audits
 Compliance Audits

Training
 Management Systems Course
 Internal Auditor
 Coaching of Management

Certification Process



Other Consultancy Services

Each International Standard has a different target e.g. Quality Management (ISO 9001), Environmental Management (ISO 14001, EMAS), Energy Management (ISO 50001) etc but all share a similar approach. Some of the common principles are:

- Prevention is better than correction
- Understanding and meeting customer’s requirements
- Continual Improvement
- Following the PLAN-DO-CHECK-ACT rule in everything you do
- Applying the process model approach to management

When it comes to the more “technical standards” the client needs consultancy on more technical matters. For instance:

- 1) Environmental Legislation and Environmental Engineering for ISO 14001 and EMAS; Environmental Impact Assessment
- 2) Energy measuring and saving know-how for ISO 50001;
- 3) Incident prevention and investigation, occupational safety regulation, good practices for OHSAS 18001.
- 4) Food Legislation, Food Technology, Food Microbiology for HACCP studies and ISO 22000.
- 5) Preparation of Business Plans and Feasibility Studies.

The role of Asprofos project team is to instigate new interests and capabilities in the plant or the organization, to propose changes in terms of new values, principles and procedures but, also, to take care of every detail leading to an effective certification by an independent certification organisation.

Indicative Project / Client List

Environment (ISO 14001, EMAS, Due Diligence & EIA Studies)

- **HELLENIC PETROLEUM S.A.**
South Greece Refineries (two of the largest and most complex refineries in Greece, one tank farm) and Headquarters
- **APLHA-ALPHA ENERGY S.A.**
Asphalt and Insulating Materials
- **ERLAC S.A.**
Paints and Varnishes
- **REVOIL S.A.**
Storage and distribution of petroleum products
- **HALYPS CEMENT S.A.**
Cement production
- **YTONG POROBETON S.A.**
Light concrete blocks
- **EUROBANK S.A.**
Major Commercial Bank
- **K&N EFTHYMIADIS S.A.**
Agrochemicals
- **METRON S.A.**
Carton Box Production and Printing Operations
- **HELLENIC SALTWORKS S.A.**
Salt works
- **DEH Hellenic Power Corporation Power Plant**
AG. DIMITRIOU KOZANI
- **E. SKRIMIZEAS & SONS S.A.**
Plastics Industry
- **DEH Hellenic Power Corporation**
KARDIA Power Plant
- **DEH Hellenic Power Corporation**
Amyntaio Power Plant
- **DEH Hellenic Power Corporation**
Atherinolakkos Power Plant
- **MAKRAION S.A.**
Gasoline stations management, subsidiary of AVINOIL
- **ELEUSIS Shipyards S.A.**
- **CHROMODOMI S.A.**
Paints & Varnishes Production
- **HALYPS QUARRIES**
Major Quarries of constructing materials
- **EXTRACO S.A.**
Explosive chemicals production
- **PUBLIC GAS CORPORATION (DEPA)**
Natural Gas Bus refueling Station
- **THESSALONIKI PORT AUTHORITIES**

Quality (ISO 9001, ISO 17020, ISO 17021, ISO 15189)

- **HELLENIC PETROLEUM S.A.**
South Greece Refineries (two refinery complexes, one tank farm)
- **PRODIS S.A.**
Production of Cosmetics
- **EVROFARMA S.A.**
Dairy Industry
- **CHROTEX S.A.**
Surface Coating - Paints - Varnishes
- **MEL S.A.**
Papermill
- **GEK S.A.**
Constructions
- **CYBARCO S.A. (Cyprus)**
Constructions, Land Development
- **ERLAC S.A.**
Resins, Paints, Varnishes
- **MEDITERRANEAN FOODS S.A.**
Food Industry
- **CHEMO S.A.**
Marine Chemicals and Specialities
- **METRON S.A.**
Packaging Materials
- **VAMVAKAS S.A.**
Sales and service of industrial equipment
- **MARMOLUX -D. VAKLATZIS & CO**
Paints, Varnishes
- **CELEBRITY S.A.**
International Movers
- **PLANET S.A.**
Management Consultants
- **HELLENIC SALTWORKS S.A.**
Salt production
- **HALYPS CEMENT S.A.**
Cement production
- **ET BETON S.A.**
Production of ready mix concrete
- **AKEK S.A.**
Design Production Distribution of Bricks
- **PAGRITIA SYNETAIRISTIKI TRAPEZA**
Cooperative Bank
- **INTERSCALA S.A.,**
Wood Products
- **MEDICAL CARE S.A.**
Medical & Diagnostic Center
- **AMVIOS S.A.**
Seeds Processing

Energy Management Systems (ISO 50001)

- **PUBLIC GAS CORPORATION (DEPA S.A.)**
Certified by EUROCERT
- **HALYPS CEMENT S.A.**
Member of Italcementi group

H&S Management Systems (OHSAS 18001, Risk Assessment Studies)

- **HELLENIC PETROLEUM S.A.**
South Greece Refineries (two refinery complexes, one tank farm)
- **SYNGENTA HELLAS S.A.**
Agrochemicals
- **K&N EFTHYMIADIS S.A.**
Agrochemicals Refinery
- **EUROBANK S.A.**
Major Commercial Bank
- **PUBLIC GAS CORPORATION (DEPA S.A.)**
Natural Gas Bus refueling Station
- **TECHNIPETROL HELLAS S.A.**
Subsidiary of major Engineering company TECHNIP
- **HELLENIC PETROLEUM S.A.**
Headquarters
- **TERNA MAG S.A.**
Magnesite mining Magnesia Production

More Quality (ISO 9001)

- **KRONOS HELLENIC CERTIFICATION S.A.**
Certification Services
- **PYTHAGORION S.A.**
Hotel in Athens
- **SQ-LEARN S.A.**
Software development
- **POTAMITIS-VEKRIS**
Legal Office
- **PROJECT FINANCE DIVISION - NATIONAL BANK OF GREECE**
Technical & Financial studies for major projects
- **N. GIANNOPOULOS & Co.- 'OPTIMEDIA INTERACTIVE SYSTEMS'**
Software development and trading of Hardware
- **EVROCHARTIKI S.A.**
Detergents, Tissue Paper products