



**ENERGY
SUMMER
SCHOOL**

**Courses
contents**



How to build an energy management plan according to the ISO50001 framework?

Michele Santovito

Workshop synopsis:

ISO 50001:2011 Energy management systems – Requirements with guidance for use is a specification created by the International Organization for Standardization (ISO) for an energy management system.

The standard specifies the requirements for establishing, implementing, maintaining and improving an energy management system, whose purpose is to enable an organization to follow a systematic approach in achieving continual improvement of energy performance, including energy efficiency, energy security, energy use and consumption.

The standard aims to help organizations continually reduce their energy use, and therefore their energy costs and their greenhouse gas emissions.

During this workshop participants will learn how to take the decision whether to implement ISO50001, will learn how they can benefit from the implementation and how to design and build an energy management company policy according to the standard.

Trainer Bio:

Michele Santovito is the President of AssoEge, the Italian Association of Energy Management Experts. A chemical engineer, Michele Santovito is an independent energy professional with strong industrial background and more than 20 years experience. He has written or contributed to many reports, papers, articles, and books and has participated at many legislative and public utility commission hearings, proceedings, conferences, and workshops. He wrote the introduction to the book

“Methods for Energy Diagnostics in the Industrial and Facility Environments”, that you can download at this link:

www.the-energyaudit.it/e-book-informativo.html



The-eco innovation project and example of auditing procedures in Korea and South East Asia



Kyung Soon Park

KINDLY NOTICE THAT THIS WORKSHOP WILL BE PROVIDED IN ENGLISH. PARTICIPANTS IN NEED OF SIMULTANEOUS TRANSLATION ARE KINDLY REQUIRED TO WRITE IT IN THE SUBSCRIPTION MODULE.

Workshop synopsis:

The European market differs and is yet so close to the Asian market when it comes to energy management and energy efficiency. Energy auditing process advances and methods from Korea in particular are an interesting topic to be examined in deep.

Korea explicitly identifies energy management at large, and eco-innovation more specifically, as a vehicle to increase economic growth and national competitiveness. There are 91 companies operating in Korea, including KEMCO, which are qualified to conduct energy audits. Each of these audit companies has accumulated a wealth of expertise through the endeavors of their energy professionals and/or engineers. However, partnerships and know-how transfer are in deep need.

Trainer Bio:

Kyung Soon Park is an expert when it comes to the Asian energy efficiency market with many years of experience in a top energy management company in South Korea.

Constantly working on new innovations and methods to improve energy transformation in South Korea, he has widespread experience in the active deployment of renewable energy and the convergence between the energy sector and information and communication technologies.

Mr Kyung Soon Park holds degree from the Hult International Business School in Cambridge and is an active member in the Asian Business Club.

Kyung Soon Park is a specialist for business develop-

In this workshop we will discuss strategic approaches to generate a win-win situation for both Korean organizations and the participants. KEMCO's experts will analyze their needs and actual methods, allowing participants to come up with effective and sustainable strategies.

We will also present the results of the eco-innovation projects and get feedback and suggestions from the participants which will be required to actively participate in the discussion. If you wish to take part in this workshop, you may appreciate some more detailed information which you will find in here (English only):

www.kemco.or.kr/

ment of the Clean Development Mechanism (CDM) and auditing services for Southeast Asian energy management projects.

He regularly hosts trainings with subjects related to the reduction of greenhouse gas emissions and is involved in the implementation of a national voluntary emission trading scheme as well as the policy development on demand side management of natural gas.

With years of experience as an energy consultant and acknowledged energy manager Mr Kyung Soon Park is pleased to share his experience during our workshops.

“ ESCO business development in South East Asia. Go-to-market strategy. Strengths and weaknesses of existing models. Open opportunities for newcomers ”

KINDLY NOTICE THAT THIS WORKSHOP WILL BE ONLY PROVIDED IN ENGLISH. AS THE WORKSHOP WILL REQUIRE ACTIVE PARTICIPATION, PARTICIPANTS ARE REQUIRED TO HAVE A GOOD ENGLISH LEVEL.

Workshop synopsis:

Due to recent jumps in oil prices and recognition of the need for global warming countermeasures, Asian countries have major expectations for ESCOs.

The definition of an ESCO in this workshop is simple. ESCOs provide energy efficient retrofit projects with performance contracts that guarantee energy savings. Introduction of ESCOs to Asia took place in the 1990s. Almost all countries learned the ESCO concept from USA. Thus the definition of an ESCO

in Asian countries is similar to the traditional ESCO concept in USA.

At the moment a comparison between European, American and Asian ESCO practices is relevant so that advancements can be consolidated. This will lead to bigger market opportunities and more educated customers.

Trainer Bio:

Working as a CEO of Meyer-Burger Systems Co. Ltd. in Seoul, South Korea **Mr Jung Woo Park** introduced new integrated technologies and processes in the production environment. Those innovations resulted in highly efficient and cost-effective operations, more targeted use of resources and better utilization of investment possibilities in the wafering, cropping and solar modules industry.

Further positions in companies such as Robert Bosch, Conergy and Parker Hannifin Korea expanded Mr Park's industrial and process knowledge. Currently Mr Park is a Korean entrepreneur and executive director highly interested and educated in energy management and renewable power generation.

In addition to that, during his MBA at Korea University he participated in a joint program with SDA Bocconi

School of Management aimed at strengthening the bond between the Italian and Korean markets. Mr Park has demonstrated knowledge in solar energy and photovoltaic power plants and expertise in the development of new businesses with the help of ESCO services and governmental energy saving programs in Southeast Asia.

He has proven track record of the successful sales and revenue development for companies in the energy sector and founded his own business in 2014, which deals with the creation of eco-friendly solutions and optimized technologies.

His international working experience, scientific career and his entrepreneurial spirit make him a valuable trainer for our Energy Summer School.