

Introduction to

# Energy Management System

## ISO 50001:2018

With Overview of Energy Efficiency and  
Conservation Act: RA 11285

**QualityPlus**  
Management Consulting Co.

*Inform. Perform. Transform.*

## Enhance Energy Efficiency and Performance of Your Organization



**What if your organization have the opportunity and capacity to improve energy savings by 30-40%?  
Or reduce energy expenditures to a significant scale?**

Any enterprise or organization, whatever the size, across diverse industrial, commercial or public sectors, could attain enormous energy efficiencies, while decreasing adverse environmental impact and thus advancing its sustainability. **The ISO 50001 aids organizations in all sectors to use energy more efficiently, by developing an Energy Management System (EnMS).** Through the standard, one will be equipped how by developing and systematically managing policies and procedures can improve energy efficiency, achieve targets, and reduce energy costs.

The more energy a business consumes, the higher its risk of being affected by continuously rising energy costs



The more energy a business consumes, the more its risk of continuous rising of energy cost can impact its business profitability thereby affecting its survival or sustainability, according to a major finding by the National Association of Manufacturers in the U.S. in their energy cost study. **Using the International Standard framework of ISO 55001:2018 Energy Management System (EnMS), and considering the effects of escalating energy rates, the need to save the environment, and with the Phil. Government's Republic Act 11285 "Energy Efficiency and Conservation Act", we share the mission with organizations to help sustain their businesses through knowledge transfer of the proven best-practices in energy efficiency and conservation. As the Energy Management System (ISO 55001:2018) is highlighted, its value is also integrated we other management systems such as Quality Management System (ISO 9001) and Environmental Management System (ISO 14001), fostering the significance of Sustainability.**

# BENEFITS TO YOUR PROCESSES

[www.qlusconsulting.com](http://www.qlusconsulting.com)

**Enable and facilitate  
best practices on  
energy management**

**Achieve targets on  
energy performance  
and reduce energy  
costs**

**Improve operations,  
capital cost decisions  
and shareholder  
value**

**Develop the  
culture of energy  
management into  
business practices**

**Build up a framework  
for promoting  
energy efficiency  
throughout the  
supply chain**

**Improve competitive  
position and ensure  
better community  
relation**

At the end of the learning session, the participants shall be able to:

**Explain the importance, benefits and impact of Energy Management System to the organization and environment**

**Describe the general framework of Energy Management System using ISO 50001:2018 (Energy Management System) requirements**



**Why Manage Energy?**

**ISO 50001:2018 Energy Management System  
- Principles, Framework, and Benefits**

**Energy Management System Requirements**

**Setting up the Energy Management System**

**Overview of Energy Efficiency and Conservation Act, RA 11285**

# WHO SHOULD ATTEND

[www.qlusconsulting.com](http://www.qlusconsulting.com)

**Senior Management**

**Entities responsible for energy management, including industrial, electrical and environmental engineers of organization**

**Professionals especially in the Power sector who want to improve the energy performance and efficiency of their organization**

**Internal and external auditors**

**Stakeholders who want to know more about the Energy Management System**

**Introduction to Energy Management System ISO 50001:2018**

With Overview of Energy Efficiency and Conservation Act: RA 11285



## HENRY O. PALACA, PIE, MTM

He is the President of Quality Plus Management Consulting Co., is a management system and business process improvement expert.

**He is the author of the management system book in the Philippines “Building Organizational Excellence through ISO 9001” and E-book “ISO 9001 QMS: Your Navigational Tool Towards a Thriving Organization in the 21st Century”. He successfully led hundreds of companies towards ISO certification and has assisted numerous companies in the business process improvement effort.**

His organization, Quality Plus, has successfully organized Food Safety Conferences in Manila, Baguio and Cebu, in support to the food service and food related industries of the country.

**Henry is one of the few management systems experts in the Philippines who qualifies to become a Certified National Energy Management System Consultant (EnMS - ISO 50001).**

His more than twenty-five years of experience include Business Process Improvement, Total Quality Management, Industrial Engineering and various Management Systems. He is also an IRCA registered auditor and has conducted audit to more than a hundred companies in a lead auditor capacity.

Henry is regular lecturer of the University of the Philippines UP-ISSI and former professor of Mapua Institute of Technology, and is a graduate of Bachelor of Science in Industrial Engineering and Master's degree in Technology Management from University of the Philippines - Diliman, Quezon City.

He has a deep penchant for farming and a Food Safety Advocate.



**LET'S CONNECT!**

**Quality Plus**  
Management Consulting Co.

*Inform. Perform. Transform.*



**[www.qplusconsulting.com](http://www.qplusconsulting.com)**



**@QPlusMgmtConsulting**



**Quality Plus TV**



**Quality Plus Management Consulting Co.**