



# RSM GC ADVISORY – ENERGY MANAGEMENT SYSTEM (ISO50001)

# ENMS – What will it do

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- Assist organizations in making better use of their existing energy consuming assets
- Create transparency and facilitate communication on the management of energy resources
- Promote energy management best practices and reinforce good energy management behavior's
- Assist facilities in evaluating and prioritizing the implementation of new energy-efficient technologies
- Provide a framework for promoting energy efficiency throughout the supply chain
- Facilitate energy management improvements for greenhouse gas emission reduction projects
- Allow integration with other organizational management systems such as environmental, health and safety.

# Energy Management with ISO 50001

# ISO 50001 – a standard for developing EnMS



ISO 50001 provides a framework of requirements for organizations to develop an energy management systems (EnMS).

EnMS for an organization guided by ISO50001 – enables organizations systemically face energy management challenges, improve energy performance and obtain sustainable performance out of its energy assets.

# EnMS Model

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ISO 50001 provides a framework of requirements enabling organizations to :

- Develop a policy for more efficient use of energy
- Fix targets and objectives to meet the policy
- Use data to better understand and make decisions concerning energy use and consumption
- Measure the results
- Review the effectiveness of the policy
- Continually improve energy management.

# Our services for ISO 50001 based EnMS

# Our Services

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- RSM GC will work with you to design an Energy Management System
- We will design processes, procedures and templates constituting EnMS for your organization fulfilling the requirements of ISO50001
- We will assist you in installing the EnMS
- We will at your option assist you in certification of the EnMS by a third party assessor

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## I. To meet the Top Management requirements we will do the following:

- Establish scope and boundaries of the EnMS
- Define an organizational structure for energy management
- Draft an energy policy for adoption by top management
- Design process for capturing resource requirements
- Lay down the communication requirements
- Design the process for establishing/reviewing energy objectives and targets
- Identify requirements for incorporation of energy performance in planning procedures
- Design the energy planning procedures
- Designing procedure for identifying EnPI's along with the list of potential EnPI
- Design report formats and reporting procedures for reporting energy performance to the top management
- Design management review procedures and relevant report formats



Contd.

## II. To meet the Planning requirements we will do the following

- Design process for identifying and reviewing legal and compliance requirements
- Design process for establishing energy profiling
- Design process for capturing and reviewing energy performance
- Design process for setting energy objectives , performance targets and energy  
action plans

Contd.

### III. To meet the Implementation and Operation requirements we will do the following

- Design sub system for competence ,training and awareness
- Design processes for internal and external communication
- Design process for establishment and implementation of documentation and document control
- Assist in identifying energy performance critical operations and documenting the required controls
- Assisting setting energy performance criteria for guiding procurement

Contd.

## IV . To meet the Checking requirements we will do the following

- Establish energy performance measurements, analysis and monitoring procedures
- Design process for investigation and response to deviation in energy performance
- Design process for evaluation of legal compliance
- Design procedure for internal audit of the EnMS (the audit schedule ,auditor selection and the conduct of audit will be described)
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- Design process for addressing Non conformities (NCs) and assist in corrective actions
- and preventive actions

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Contd.

V. To meet the Management Review requirements we will do the following

- Design procedure for review actions and design of report formats

Contd.

## VI. To assist in implementation of EnMS we will do the following

- Assist you in drawing up an implementation plan
- Assist in reviewing and correcting procedures, templates
- Assist you in one time internal review of records to ascertain compliance/deviation
- from adopted processes and procedures

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Contd.

## VII. To assist you during third party assessment we will do the following

- Assist you in reviewing the NCs raised by assessor
- Assist you in correcting the NCs
- Assist you in formulating response to queries raised by assessor

# Partial List of RSM GC Clientele



SHREE SHYAM PULP &  
BOARD MILLS LIMITED



GE Energy



# Contact us

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THANK YOU FOR  
YOUR TIME AND  
ATTENTION