

ISO 50001:2011
Energy Management Systems
Manual

[Preview]

[Company Name]

ADDRESS

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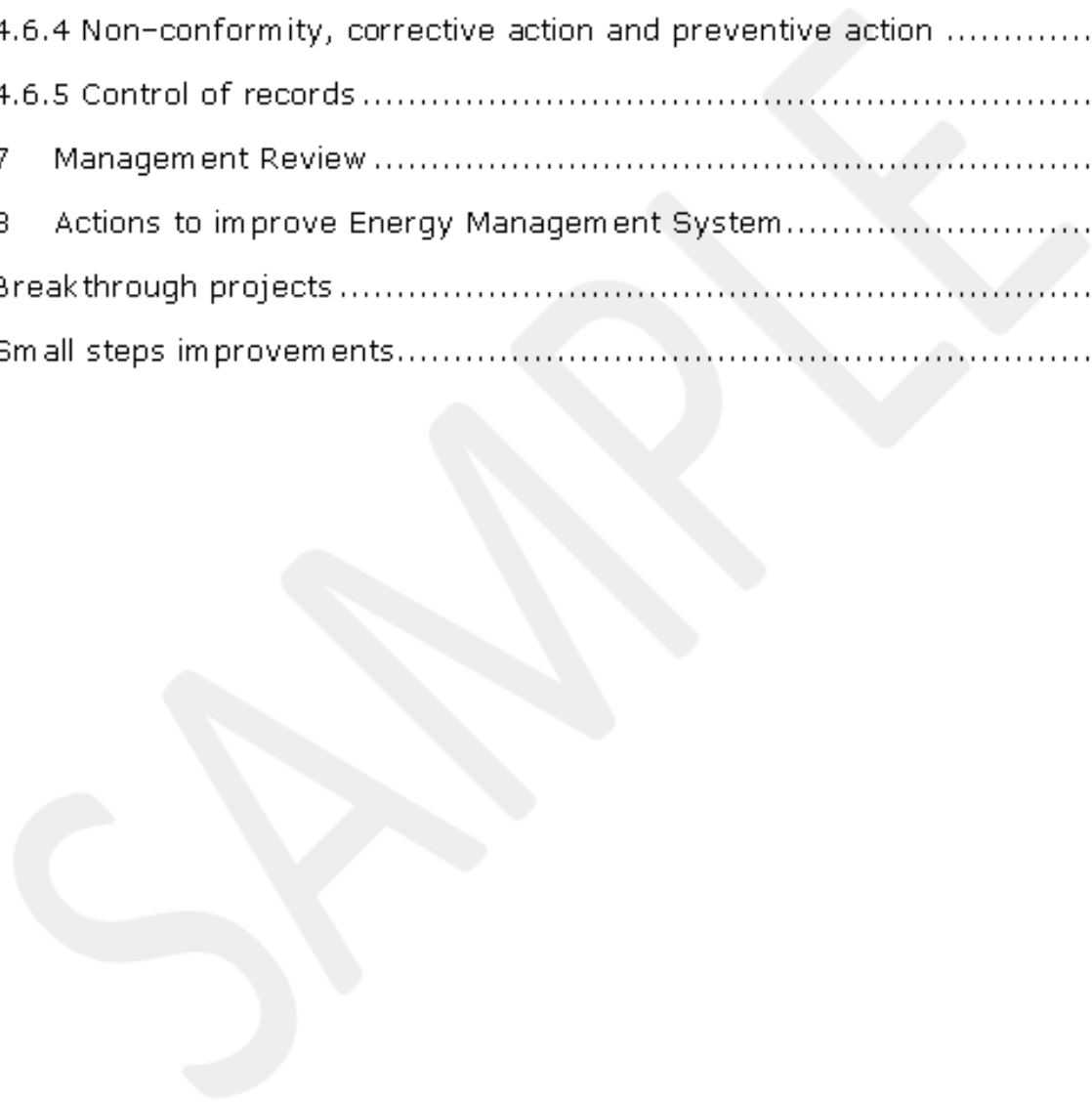
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Section 4: Context of the Organization

4.1 General Requirements

The scope of the [Company Name] EnMS is established based on the factors presented on fig.4.1-01.

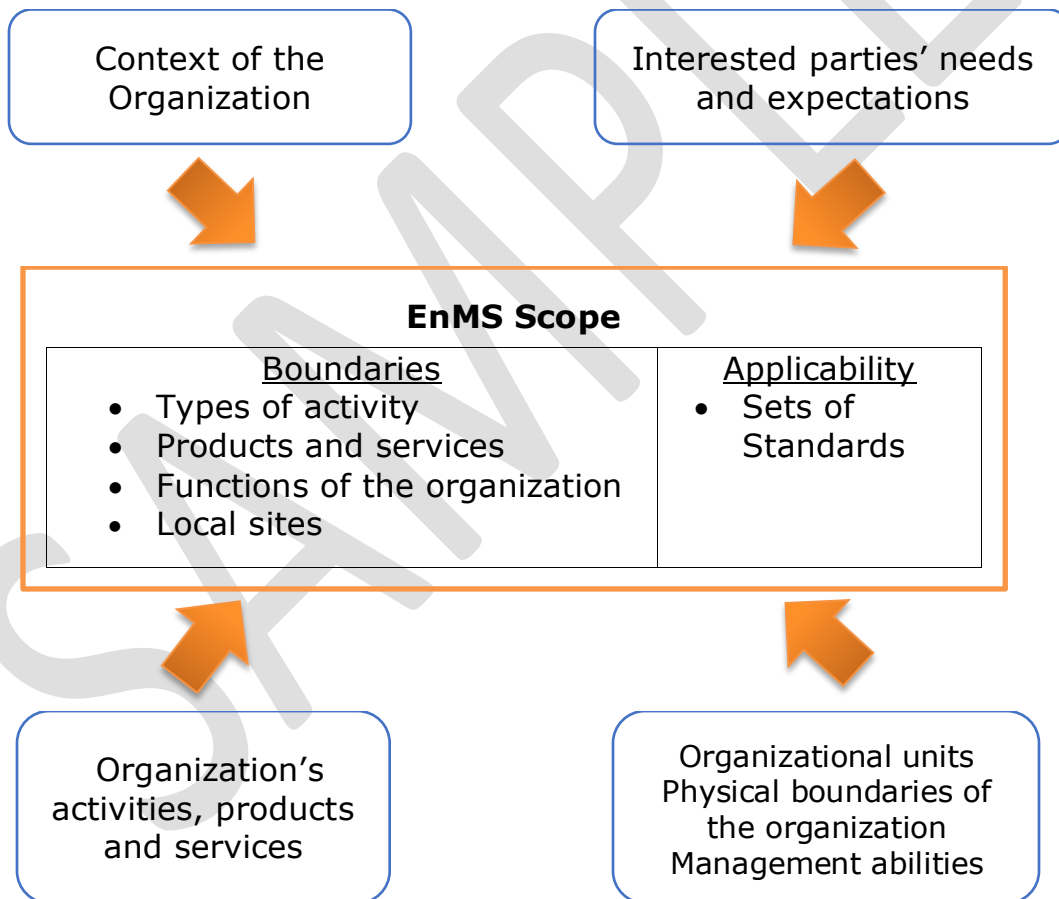


Fig.4.1-01. Diagram of factors that are taken into account when defining scope of the [Company Name] EnMS.

The EnMS Manual is applicable to Organization's operations for all the activities carried out at the *[Company Name]* for development, manufacturing and supply of products. The boundaries of the EnMS are defined for all facilities and equipment used at the Organization located at the address given in this manual. It covers energy management system for all the products manufactured and processes used by company employee as well as contract labors for all activities at the Organization that significantly affect energy use and consumptions.

Note. *In case the EnMS does not include **all** the elements listed above the scope of the EnMS should be worded as follows.*

'The scope of the [Company Name] EnMS covers:

All processes of [Company Name]'s subdivisions [list the subdivisions/processes if anything is excluded];

All sites of the Organization [list the sites if anything is excluded];

Products covered by the EnMS:

- *Click to enter Product/Service Name*
- *Click to enter Product/Service Name*
- *Click to enter Product/Service Name*

Requirements of international standard ISO 50001:2011, [list the standards].'

[Company Name] has established, documented, maintained and continuously improves EnMS in compliance with the requirements of ISO 50001:2011 that includes:

- EnMS processes;
- EnMS documented information, including records (sec. 4.5.4, sec. 4.6.5);
- resources, including personnel (sec. 4.5.2);
- Organizational structure, roles and responsibilities (sec. 4.2).

Organization leadership defines EnMS processes within the management review activity (sec.4.7), in compliance with the ISO 50001:2011 requirements, based on the strategic directions of the organization's development.

EnMS processes include:

- Compliance obligations management (sec. 4.4.2)
- Energy review aspects (sec. 4.4.3, sec. 4.4.4, sec. 4.4.5)
- Energy Planning (sec. 4.4.6)
- Ensuring competence of personnel (sec. 4.5.2)
- Communication (sec. 4.5.3)
- Control of documented information (sec. 4.5.4)
- Operational control (sec. 4.5.5)
- Design (sec. 4.5.6)
- Procurement of energy services, products, equipment and energy (sec. 4.5.7)
- Internal audit (sec. 4.6.3)
- Corrective action (sec. 4.6.4)
- Management review (sec. 4.2, sec. 4.7)

In addition to these processes listed above, Actions to improve EnMS (sec. 4.8) are the integral part of the Energy management system.

EnMS processes interact in accordance with the PDCA model (Figure 4.1-02).

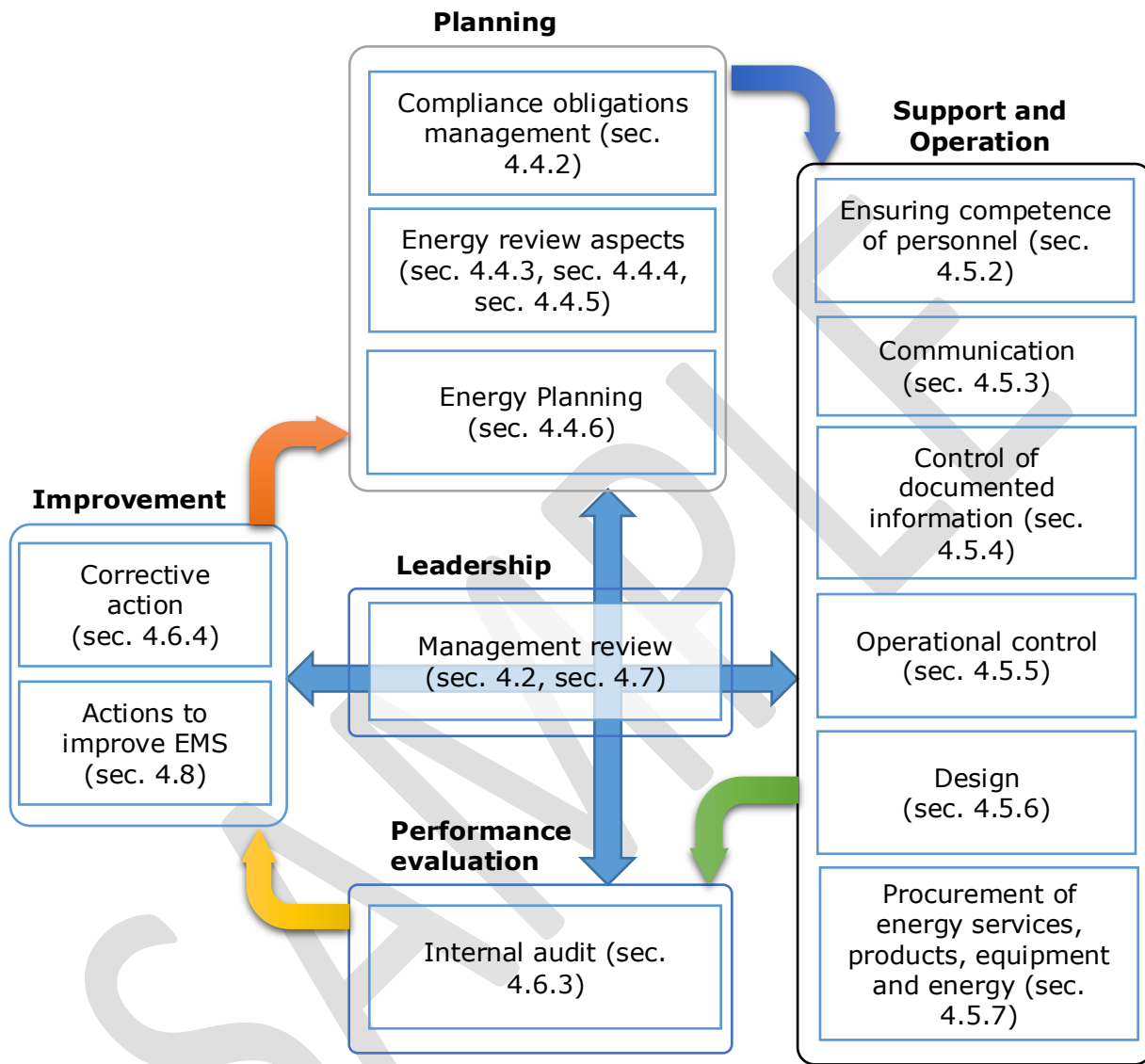


Fig.4.1.-02 EnMS Processes interaction diagram.

EnMS processes implementation is regulated by this Manual as well as the documented procedures.

EnMS processes' activities are carried out in all business processes of the organization, that are in scope of the EnMS, including Design and development,

Control of external processes, products, and services (Purchases), Production and service provision, Marketing, Contract analysis, etc.

Control of changes is an essential part of EnMS operation. Analysis of changes in the EnMS is done via Management review (sec. 4.7). Monitoring of the results of changes in the EnMS is carried out during internal audits (sec. 4.6.3).

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Energy Management System Manual template

- Designed to **facilitate integration** with the organization's management systems in accordance with **ISO 9001:2015** and ISO 14001:2015;
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