

ISO 50005:2021-09 (E)

Energy management systems - Guidelines for a phased implementation

Contents		Page
Foreword		iv
Introduction		v
1	Scope	1
2	Normative references	1
3	Terms and definitions	1
4	The maturity model approach to implementing an EnMS	1
4.1	Explanation and structure of the maturity model	1
4.2	Phased implementation of an EnMS using the maturity model	3
4.2.1	General	3
4.2.2	Assess the organization's initial situation	3
4.2.3	Set and confirm a goal for the phased implementation	4
4.2.4	Set up a simple business case	5
4.2.5	Set up a project plan	5
4.2.6	Monitor the implementation of the project plan	5
5	Description of elements and levels	5
5.1	Element 1 -- Context of the organization	5
5.2	Element 2 -- Leadership	7
5.3	Element 3 -- Resources	8
5.4	Element 4 -- Energy review	9
5.5	Element 5 -- Energy performance indicators and energy baselines	11
5.6	Element 6 -- Objectives, energy targets and action plans	13
5.7	Element 7 -- Competence and awareness	14
5.8	Element 8 -- Operations and maintenance	15
5.9	Element 9 -- Procurement and design	16
5.10	Element 10 - Process for communication and control of documented information	17
5.11	Element 11 -- Monitoring, measurement, analysis and evaluation of energy performance	18
5.12	Element 12 -- Management review and improvement	19
	Annex A (informative) Continual improvement and advancing of the EnMS	22
	Annex B (informative) Level version of the maturity model	25
	Bibliography	37