

# 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