

ISO 55000 - series Asset Management System

CHECKLIST

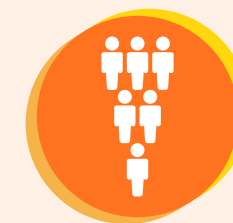
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1. Context

Stakeholders - surroundings - scope - field of application

- Needs and expectations of external stakeholders
- Needs and expectations internal stakeholders
- External context (e.g. legal, society, market, environment)
- Relevant trends and developments
- Organisational objectives and service levels
- Internal context (e.g. risk attitude, culture, information systems)
- Scope of asset portfolios, asset systems and assets
- Interfaces with other interconnected asset systems
- Scope and maturity of management system for asset management
- Process for management of change when context changes



2. Leadership

Commitment - policy - roles - responsibilities

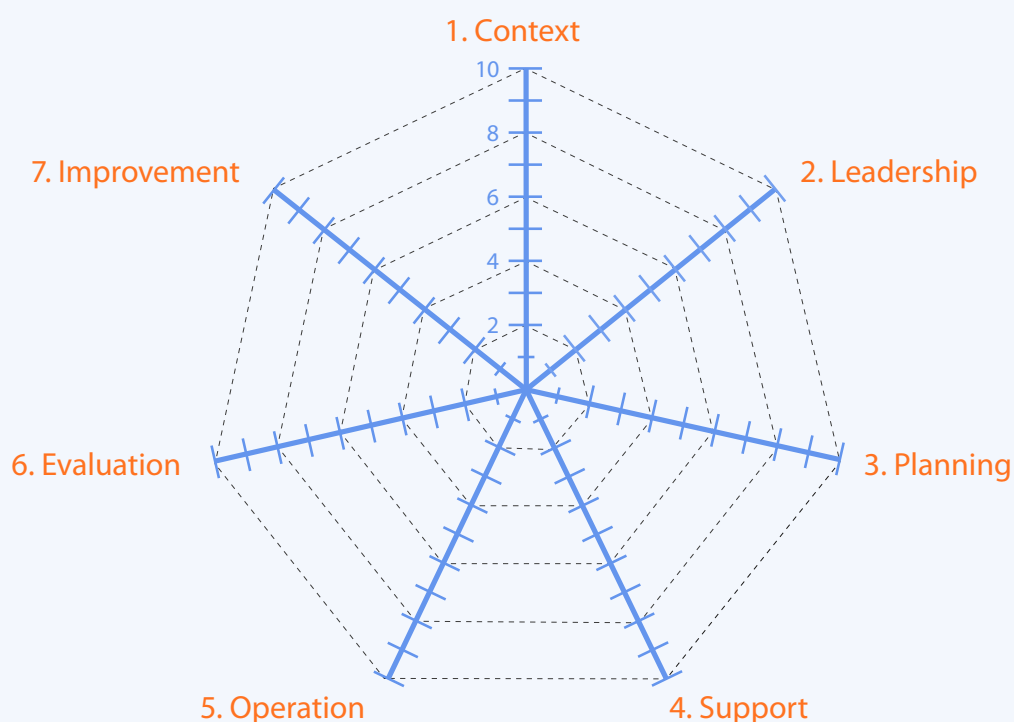
- Ownership and accountability at top management level
- Activities directed at maturity development of asset management
- Activities for management development, competencies and culture
- Adequate resources for realisation of asset management objectives
- Transparent asset management decision criteria
- Monitoring of performances and preventive or corrective actions
- Commitment to asset management policy
- Asset management policy aligned with other organisational objectives
- Asset management policy aligned with other policies (e.g. finance)
- Clear and transparent roles, responsibilities and authorities



7. Improvement

Corrective actions - preventive actions - continual improvement

- Processes for minimising adverse effects of potential non-conformities
- Processes for corrective actions resulting from non-conformities
- Processes for preventive actions resulting from signal metrics and past
- Identification of opportunities for improvements
- Participation in R&D, network activities and consultation activities
- Encouraging stakeholders to deliver improvement suggestions
- Documentation of all change activities and monitoring of effectiveness
- Reevaluation of risks of change activities
- Structured adaptation of the asset management system
- Structured adaptation of the asset management objectives and activities



3. Planning

AM objectives - risk compliance - decision criteria - SAMP - asset management plans

- Objectives for the management system for asset management
- Objectives for the asset portfolios, asset systems and assets
- Objectives for asset management enablers and control
- All objectives contribute to organisational objectives (verifiable)
- Line of sight between stakeholders' interests and asset performances
- Risk control for non-compliance asset management objectives
- Transparent decision criteria at all levels (risk acceptance, CAPEX/OPEX)
- Strategic Asset Management Plan (SAMP)
- Asset management plans for realisation of asset management objectives
- Improvement process for alignment SAMP and asset management plans



6. Evaluation

Monitoring - analysis - evaluation - audits - management review

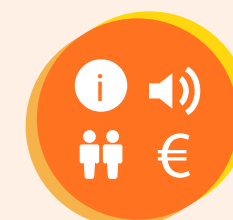
- Processes to ensure a systematic AM monitoring, analysis and evaluation
- Metrics for assets, activities and asset management system
- Vertical alignment of AM metrics with asset management objectives
- Horizontal alignment of AM metrics with other metrics and policies
- Continuous evaluation of metrics on appropriateness and effectiveness
- Processes for analysing, identifying patterns and appointing activities
- Evaluations address the need for changes for asset management
- Evaluation by internal & external audits and/or self-assessments
- Predefined audit and evaluation frequencies
- Periodical and structured management reviews



5. Operation

Processes - control - management of change - outsourcing

- Processes for operational planning and control
- Clear operational responsibilities, manner of execution and control
- Processes for documentation
- Processes for risk control, contingency measures and escalation
- Processes for management of change
- Insight in impact of changes on asset management objectives & system
- Risk control processes under management of change
- Structured decision making under management of change
- Processes for contract management and control
- Processes for risk control of outsourced activities



4. Support

Resources - communication - competencies - awareness - information - documentation

- Active alignment between planned activities and resources (iterative)
- Competencies for AM roles and functions embedded in HR policy
- Asset management competencies development
- At all levels, awareness of contribution to asset management system
- At all levels, awareness of contribution to risks and performances
- Communication with relevant stakeholders
- Support of (top) management level in decision making
- Clear asset management information needs and requirements
- Asset management data and information up to date, valid and accessible
- Procedures for information management and documentation