

KPA 02: Information Management

The organisation needs to implement and maintain appropriate systems and processes to manage asset-related information. It must cover all phases of the assets' life cycle and include technical, financial, performance, maintenance and operational information. It must be based on a clear information strategy and address all AM information requirements. The information must also be correct, up-to-date and complete in order to support decision making or analysis, and provide historical records for reference purposes. Note: The initial focus will be on a Computerised Maintenance Management System (CMMS), while more mature levels will refer to a more comprehensive Enterprise Asset Management System (EAMS).

1. Fire Fighting	2. Stabilising	3. Preventing	4. Optimising	5. Excellence
No formal system in place for data processing and no information is available to enable informed decision making. Asset information is fragmented and inaccurate, and is largely used for financial reporting.	A stand-alone asset register exists, but it is not maintained or verified. Information is reactive and fragmented, focusing mainly on operational and financial reports. Data is processed manually, resulting in inaccuracy. Reporting and analytical functionality is limited but management is planning to improve it.	A CMMS or partial EAMS is in place and most assets are configured in its asset register. Data quality is a focus area, supported by automated systems and processes. History is kept of maintenance, statutory activities and financial transactions. The CMMS has good reports, but its analysis is limited.	An integrated EAMS is in place to avoid data duplication. The engineering asset register is accurate and linked to the financial one. Records are kept of all asset-related activities and the system complies with ISO 55001. Reports are flexible and data mining is possible across multiple platforms.	The information strategy considers long term requirements and technology trends. The asset register is maintained using state-of-the-art tracking technology. Data verification happens at point of entry and information is available in real-time. A business intelligence system is embedded in the EAMS.