



ERIC RESOURCE APPLICATIONS

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Generic Environment Management Methodology

GEMM[®]

GEMM[®] is an Environmental Management Information System (EMIS) that enables businesses to cost effectively and comprehensively action resource management policy, statutory requirements, business and management plans through information management and reporting.

The GEMM methodology comprises a tailored business process design that conforms to ISO14000. It provides an IT enabled framework that is supported with software, remote sensing and field monitoring technologies.

The system strengthens the capability of industry to better manage environmental information and take a leadership role in meeting business, statutory and community expectations. Development of a comprehensive information management system increases efficiency and effectiveness while helping to identify new business opportunities. It also builds industry independence from government services in addressing statutory requirements.

Cost benefits are achieved through improved information technology integration, resource management decisions, enterprise site selection, risk analysis and public relations positioning.

GEMM addresses two basic requirements:

- Closed loop resource planning and management through performance monitoring and reporting.

- Continuous improvement in information, knowledge and performance.

The benefits of GEMM include the potential to:

- Maximise the spatial data information & knowledge gained during the planning, building and set- to-work phases for the whole life of a project.
- Reduce the cost of on-going environmental planning and conformance reporting.
- Integrate environmental and operational decision making.
- Better manage the risks associated with addressing regulations and statutory requirements.

Environment Management Information System

