Our story

Overview

As a mining environmental management consultancy, we specialise in integrating closure and rehabilitation into operating systems. MES brings international experience to your site to deliver high quality, cost effective solutions to your operation.

MES was developed out of a desire to offer customised, high quality, site-specific environmental consulting services across the mining sector in developing economies where technical advice may be difficult to come by. With over 15 years of industry and mining environmental management experience and access to a network of similarly-minded consulting companies, we provide tailored mining solutions for your operation.

Services available globally

With international demand for our services, MES has been developed as a truly mobile business providing services globally. From our head office in central Queensland, Australia, we service mining operations in Africa, Australia and Worldwide.
MES specialises in mine site rehabilitation, closure planning and integration of these into site production systems.

Rehabilitation of mine sites, helping organisations meet their environmental obligations.

Our core business

MES specialises in mine site rehabilitation, closure planning and integration of these into site production systems.

Our key services are:

- Strategic development of mine closure Plans
- Cost saving strategies to achieve mine closure goals through integration into production activities
- Landform and cover design including surface water drainage systems
- Closure technical study planning
- Revegetation programs
- Supervision of earthworks activities to achieve the above goals in the field
- Assessments of material volumes and costs for inclusion in rehabilitation liability calculations
- Staff mentoring in these areas

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Experience highlights

- Over 9 years rehabilitation and site closure experience in East and West Africa.
- Management of a full site closure program in Tanzania, Africa.
- Design of final closure waste rock dump landforms for historic facilities at the Syama Gold Mine in Mali, Africa.

The MES benefits for your organisation

- MES helps your organisation develop site-specific, practical, achievable, technically-sound and cost-effective solutions for your site’s rehabilitation and closure requirements.
- Our highly technical and hands-on team partner with onsite staff to train and facilitate a successful and integrated mining closure plan.
- MES helps your organisation translate closure requirements into operational systems for efficient achievement of final land use goals.

Integrated environmental solutions for your mine site
We provide a highly technical & hands on team to facilitate a successful & integrated mining closure plan.

Our integrated approach & process

Technical Studies & Research
Before starting any project we first undertake the following:
- Review of Life of Mine Plan and operational aspects.
- Determination of stakeholder expectations.
- Review of water quality, hydrological, meteorological, biodiversity and geochemical studies available.
- Mass balance and scheduling of rehabilitation resources available now and in future.
- Assessment of current land uses locally.
- High level closure risk assessment.

Identify New Opportunities & Challenges Over Time
We can assist your regular process and plan updates due to Life of Mine, regulatory and stakeholder inputs. Site based research outcomes will also determine adjustments to be made to plans and processes. Further research may be required to fill knowledge gaps.

Monitor, Measure & Adjust
We will help your organisation monitor and measure success and adjust processes as circumstance and available information changes.

Implementation & Development
We assist your company to integrate the closure strategy into existing operational systems & link needed tasks to available resources. Overall, we help you manage the process including budgeting, liability provision estimations, staff training, earthworks supervision, construction and revegetation activities.

Closure End Point Definitions
Clear closure criteria are defined with a focus on the vision of your organisation and statutory requirements.

Strategy
Taking a risk-based approach, we help your organisation develop strategies focused on achieving closure criteria and the end land use plan.

CONTINUOUS IMPROVEMENT
Integrated environmental solutions for your mine site

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