



Sustainable Mining Practices and Green Technologies

DURATION

5 days

CONTACT HOURS

30

LEVEL

Intermediate

FEE PER DELEGATE

US\$1,500

The technologies reducing mining's footprint, assessed on evidence rather than on claims.

Every vendor at a mining conference has a green technology, and some of them work. This week separates the two, covering energy, water, waste and materials efficiency with attention to what has been deployed at scale and what remains a pilot. Dry stack tailings, electrified fleets, sensor based ore sorting, water recycling and waste reprocessing are each assessed on cost, maturity, and the conditions under which they make sense.

Available as classroom, live online, in house.

Who it is for

Technical services and continuous improvement teams, sustainability managers, process and mining engineers, and managers evaluating technology investment.

What you will be able to do

- Assess a technology on maturity and evidence rather than claim.
- Identify energy, water and waste reduction opportunities in your operation.
- Evaluate tailings alternatives on cost and risk.
- Build a business case where the benefit is partly non financial.
- Avoid overstating environmental performance.

The outline

DAY 1

Energy

Energy mapping and the largest consumers · Renewables, storage and hybrid power · Fleet electrification and trolley assist

DAY 2

Water and waste

Recycling and closed circuits · Dry stack and thickened tailings · Waste reprocessing and residual value

DAY 3

Efficiency in the process

Ore sorting and preconcentration · Comminution energy reduction · Reagent and consumable reduction

DAY 4

Assessment

Technology readiness, honestly applied · Life cycle thinking · Pilots, and why so many stop there

DAY 5

The case

Capital, operating cost and payback · Risk and licence benefits · Presenting a case with uncertain benefit

What you leave with

- An opportunity register ranked by cost and maturity.
- A technology assessment for one candidate.
- A business case including non financial benefit.

Published dates

DATES	WHERE	FEE
23 to 27 November 2026	Nairobi, Kenya	US\$1,500
30 November 2026 to 4 December 2026	Dar es Salaam, Tanzania	US\$1,500
7 to 11 December 2026	Kampala, Uganda	US\$1,500
14 to 18 December 2026	Dubai, United Arab Emirates	US\$1,500

Fees are per delegate and cover all meals and accommodation. Registration fees are arranged by the delegate. Reg

Register or ask a question

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This copy was produced on 30 October 2026.