



Environmental Impact of Cement Industry

DURATION

5 days

CONTACT HOURS

30

LEVEL

Intermediate

FEE PER DELEGATE

US\$1,500

The environmental footprint of cement manufacture, its measurement, and what actually reduces it.

Cement is responsible for a significant share of global industrial emissions, most of it chemically unavoidable from calcination rather than from fuel. This week is clear about that distinction, because it determines which reduction measures matter. It covers the emission inventory, dust and air quality, noise and quarry impacts, water and land, then works through abatement and clinker factor reduction with realistic assessment of each. Reporting and community engagement close the week.

Available as classroom, live online, in house.

Who it is for

Environmental managers and officers, process and energy engineers, plant managers, and sustainability and reporting staff.

What you will be able to do

- Build an emissions inventory separating process from fuel sources.
- Measure and control dust and air emissions.
- Assess quarry, water and land impacts.
- Evaluate reduction measures on realistic abatement potential.
- Report performance credibly to regulators and neighbours.

The outline

DAY 1

Emissions

Process and combustion carbon dioxide · Nitrogen oxides, sulphur dioxide and dust · Trace pollutants and their monitoring

DAY 2

Local impacts

Dust deposition and air quality at the boundary · Noise, vibration and blasting · Quarry land disturbance and rehabilitation

DAY 3

Water and waste

Water use and discharge · Cement kiln dust and bypass dust · Waste derived fuels and their handling

DAY 4

Reduction

Clinker factor reduction · Alternative fuels and biomass · Energy efficiency, and the limits of it · Carbon capture in outline, and its current state

DAY 5

Accountability

Monitoring and compliance reporting · Community engagement and complaints · Claims that will survive scrutiny

What you leave with

- An emissions inventory for one plant.
- An impact register with controls assessed.
- A reduction roadmap with realistic figures.

Published dates

DATES	WHERE	FEE
23 to 27 November 2026	Lagos, Nigeria	US\$1,500
30 November 2026 to 4 December 2026	Cairo, Egypt	US\$1,500
7 to 11 December 2026	Windhoek, Namibia	R15,000
14 to 18 December 2026	Dubai, United Arab Emirates	US\$1,500

Fees are per delegate and cover all meals and accommodation arranged by the delegate. Registration fees are not included.

Register or ask a question

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